

## Erythropoietin Receptor (EPOR) Recombinant Protein | EPOR recombinant protein

Recombinant Erythropoietin Receptor (EPOR)

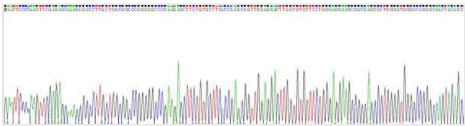
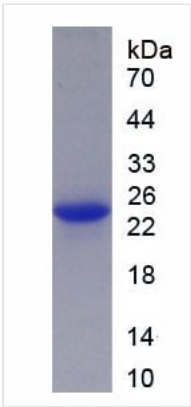
|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150994</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Erythropoietin Receptor (EPOR); Recombinant Erythropoietin Receptor (EPOR); EPOR/Erythropoietin Receptor; EPO-R; EPOR recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity/Purification                                  | Greater than 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                          | Freeze-dried powder<br>20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.                                                                                                                                                                                                                                                                                                                                 |
| Sequence                                             | Pro33~Leu210                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Applicable Applications for EPOR recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                   |
| Endotoxin                                            | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tag                                                  | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Expression System                                    | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Organism Species                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Isoelectric Point                                    | 5.0                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Subcellular Location                                 | Membrane, Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reconstitution                                       | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                              | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored.<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |



Sequence  
Gene Sequencing (extract)

SDS-PAGE  
SDS-PAGE

ADDITIONAL INFORMATION

|                                                        |                                                          |
|--------------------------------------------------------|----------------------------------------------------------|
| Product Categories/Family for EPOR recombinant protein | Signal transduction; Hematology; Prokaryotic recombinant |
|--------------------------------------------------------|----------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                |
|----------------------------------|--------------------------------|
| NCBI GI #                        | 4503591                        |
| NCBI GeneID                      | 2057                           |
| NCBI Accession #                 | NP_000112.1                    |
| NCBI GenBank Nucleotide #        | NM_000121.3                    |
| UniProt Accession #              | P19235; Q15443; Q2M205; B2RCG4 |
| Molecular Weight                 | 55,065 Da                      |
| NCBI Official Full Name          | erythropoietin receptor        |
| NCBI Official Synonym Full Names | erythropoietin receptor        |
| NCBI Official Symbol             | EPOR                           |
| NCBI Official Synonym Symbols    | EPO-R                          |
| NCBI Protein Information         | erythropoietin receptor        |
| UniProt Protein Name             | Erythropoietin receptor        |
| UniProt Gene Name                | EPOR                           |
| UniProt Synonym Gene Names       | EPO-R                          |
| UniProt Entry Name               | EPOR_HUMAN                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.