

## PHOX2B recombinant protein

PHOX2B Protein, Human, Recombinant (His & SUMO Tag), HPLC-verified

CATALOG #  
**AAA259200**

HOST  
**E coli**

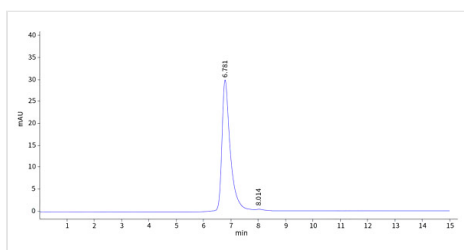
### PRODUCT SYNONYMS

PHOX2B; PHOX2B Protein; Human; Recombinant (His & SUMO Tag); HPLC-verified; NBLST2 Protein; NBPhox Protein; PMX2B Protein; PHOX2B recombinant protein

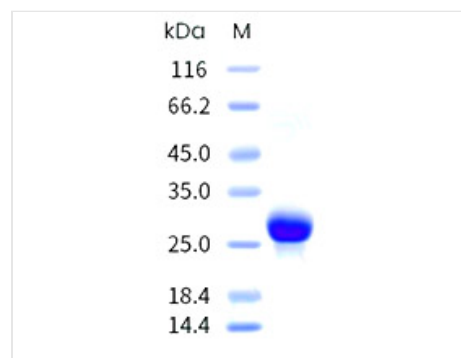
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E coli                                                                                                                                                                                                                                                                      |
| Purity/Purification     | >= 90% as determined by SDS-PAGE.<br>= 95% as determined by SEC-HPLC.                                                                                                                                                                                                       |
| Form/Format             | Lyophilized from sterile PBS, 10% Glycerol, 50mM Arg, pH 7.4.<br>Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                       |
| Species                 | Human                                                                                                                                                                                                                                                                       |
| Predicted N Terminal    | Met                                                                                                                                                                                                                                                                         |
| Endotoxin               | <1.0 EU per ug protein as determined by the LAL method.                                                                                                                                                                                                                     |
| Protein Construction    | A DNA sequence encoding the Human PHOX2B (Q99453)(Met1-Glu94) was fused with a N-terminal polyhistide-tagged SUMO tag at the N-terminus.                                                                                                                                    |
| Preparation and Storage | Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

### IMAGES



Application Data



Application Data

### NCBI AND UNIPROT INFORMATION

|                  |           |
|------------------|-----------|
| NCBI GI #        | 12707580  |
| NCBI GeneID      | 8929      |
| NCBI Accession # | NP_003915 |

|                                  |                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GenBank Nucleotide #        | <a href="#">NM_003924.3</a>                                                                                                                                  |
| UniProt Accession #              | <a href="#">Q99453</a> ; <a href="#">Q6PJD9</a>                                                                                                              |
| Molecular Weight                 | 31,621 Da                                                                                                                                                    |
| NCBI Official Full Name          | paired mesoderm homeobox protein 2B                                                                                                                          |
| NCBI Official Synonym Full Names | paired-like homeobox 2b                                                                                                                                      |
| NCBI Official Symbol             | PHOX2B                                                                                                                                                       |
| NCBI Official Synonym Symbols    | PMX2B; NBLST2; NBPhox                                                                                                                                        |
| NCBI Protein Information         | paired mesoderm homeobox protein 2B; neuroblastoma Phox; PHOX2B homeodomain protein; paired mesoderm homeobox 2b; neuroblastoma paired-type homeobox protein |
| UniProt Protein Name             | Paired mesoderm homeobox protein 2B                                                                                                                          |
| UniProt Gene Name                | <b>PHOX2B</b>                                                                                                                                                |
| UniProt Synonym Gene Names       | PMX2B; NBPhox                                                                                                                                                |
| UniProt Entry Name               | PHX2B_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/phox2b-recombinant-protein-e-coli/259200>