Immunoglobulin M Recombinant Protein | IgM recombinant protein

Recombinant Immunoglobulin M (IgM)

CATALOG #	HOST	APPLICATIONS
AAA150205	**E Coli**	**Western Blot, SDS-Page**

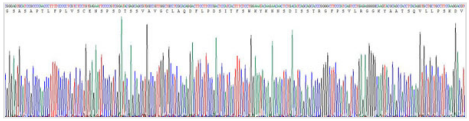
PRODUCT SYNONYMS

Immunoglobulin M; Recombinant Immunoglobulin M (IgM); IGHM; Immunoglobulin Heavy Constant Mu; Ig mu chain C region; IgM recombinant protein

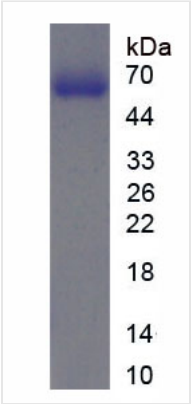
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Gly1~Tyr453
Sequence Length	452
Applicable Applications for IgM recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Isoelectric Point	6.8
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: 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.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IgM recombinant protein	Infection immunity; Immune molecule; Hematology

NCBI AND UNIPROT INFORMATION

NCBI GI #	193806374
UniProt Accession #	P01871
Molecular Weight	Predicted Molecular Mass: 53.1kDa Accurate Molecular Mass: 59kDa
NCBI Official Full Name	Ig mu chain C region
UniProt Protein Name	Ig mu chain C region
UniProt Gene Name	**IGHM**
UniProt Entry Name	IGHM_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.

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Online datasheet: https://stage.aaabiotech.com/ighm-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150205