

Iduronidase Alpha L Recombinant Protein | IDUa recombinant protein

Recombinant Iduronidase Alpha L (IDUa)

CATALOG # AAA145411	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Iduronidase Alpha L; Recombinant Iduronidase Alpha L (IDUa); MPS1; IDUa recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 500ug/mL (varies by lot)
Sequence	APHLVHVDAA RALWPLRRFW RSTGFCPPLP HSQADQYVLS WDQQLNLAYV GAVPHRGIKQ VRTHWLLELV TTRGSTGRGL SYNFTHLDGY LDLLRENQLL PGFELMGAS GHFTDFEDKQ QVFEWKDLVS SLARRYIGRY GLAHVSKWNF ETWNEPDHHD FDNVSMTMQG FLNYYDACSE GLRAASPALR LGGPGDSFHT PPRSPLSWGL LRHCHDGTNF FTGEAGVRLD YISLHRKGAR SSISILEQEK VVAQQIRQLF PKFADTPIYN DEADPLVGW
Applicable Applications for IDUa recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ala28~Trp306
Tags	N-terminal His Tag
Subcellular Location	Lysosome
Traits	Freeze-dried powder
Predicted isoelectric point	7.0
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: 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



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	757173451
NCBI GeneID	101095896
NCBI Accession #	NP_001291961.1
NCBI GenBank Nucleotide #	NM_001305032.1
Molecular Weight	Predicted Molecular Mass: 35.5kDa Accurate Molecular Mass: 36kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	iduronidase, alpha-L-
NCBI Official Symbol	IDUA
NCBI Protein Information	iduronidase, alpha-L-

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
Online datasheet: <https://stage.aaabiotech.com/iduronidase-alpha-l-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145411>