

Recombinant Human IDUA Protein (28-653 aa), His-tagged

Cat. No. IDUA-1421H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human IDUA Protein (28-653 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length of Mature Protein.

Species Human

Source Yeast

ProteinLength 28-653 aa

Form Tris-based buffer,50% glycerol

Molecular Mass 71.9 kDa

AA Sequence

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APHLVHVDAARALWPLRRFWRSTGFCPPPHSQADQYVLSWDQQLNLAYVGAVPH
RGIKQVRTHWLLELVTTTRGSTGRGLSYNFTHLDGYLDLLRENQLLPGFELMGSASG
HFTDFEDKQQVFEWKDLVSSLARRYIGRYGLAHVSKWNFETWNEPDHHDNDVSM
TMQGFLNYYDACSEGLRAASPALRLGGPGDSFHTPPRSPLSWGLLRHCHDGTNFF
TGEAGVRLDYISLHRKGARSSISILEQEKVVAQQIRQLFPKFADTPIYNDEADPLVGW
SLPQPWRADVYAAMVVKVIAQHQNLLANTTSAPFYALLSNDNAFLSYHPPFAQR
TLTARFQVNNTRPPHVQLLRKPVLTA MGLLALLDEEQLWAEVSQAGTVLDSNHTVG
VLASAHRPQGPADAWRAAVLIYASDDTRAHPNRSVAVTLRLRGVPPGPGLVYVTRY
LDNGLCSPDGEWRRRLGRPVFPTAEQFRMRRAEDPVAAAPRPLPAGGRLTLRPAL
RLPSLLLHVHVCARPEKPPGQVTRLRALPLTQGQLVLVWSDEHVGSKCLWTYEIQFS
QDGKAYTPVSRKPSTFNLVVFSPDTGAVSGSYRVRALDYWARPGPFSDPVPYLEVP
    
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	VPRGPPSPGNP
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

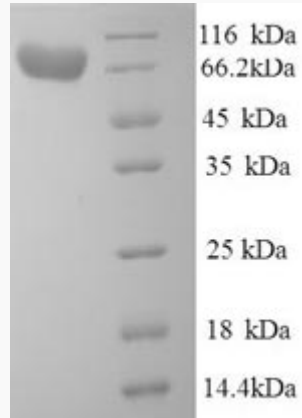
GENE INFORMATION

Gene Name	IDUA iduronidase, alpha-L- [Homo sapiens]
Official Symbol	IDUA
Synonyms	IDUA; MPS1; IDA;
Gene ID	3425
mRNA Refseq	NM_000203
Protein Refseq	NP_000194
MIM	252800
UniProt ID	P35475

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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