

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

Cat. No. IDUA-569H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IDUA Protein (28-653 aa) is produced by E. coli 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	E.coli
ProteinLength	28-653 aa
Form	Tris-based buffer, 50% glycerol
Molecular Mass	73.9 kDa
AA Sequence	APHLVHVDAARALWPLRRFWRSTGFCPPLPHSQADQYVLSWDQQNLNLAYVGAVPH RGIKQVRTHWLLELVTTTRGSTGRGLSYNFTHLDGYLDLLRENQLLPGFELMGASAG HFTDFEDKQQVFEWKDLVSSLARRYIGRYGLAHVSKWNFETWNEPDHHDFFDNVSM TMQGFLNYYDACSEGLRAASPALRLGGPGDSFHTPPRSPLSWGLLRHCHDGTNFF TGEAGVRLDYISLHRKGARSSISILEQEKVVAQQIRQLFPKFADTPIYNDEADPLVGW SLPQPWRADVTYAAMVVKVIAQHQNLLANTTSAPFYALLSNDNAFLSYHPHPFAQR TLTARFQVNNTRPPHVQLLRKPVLTAMGLLALLDEEQLWAEVSQAGTVLDSNHTVG VLASAHRPQGPADAWRAAVLIYASDDTRAHPNRSVAVTLRLRGVPPGPGLVYVTRY LDNGLCSPDGEWRRRLGRPVFPTAEQFRMRAAEDPVAAAPRPLPAGGRLTLRPAL RLPSLLLHVHVCARPEKPPGQVTRLRALPLTQGQLVLVWSDEHVGSKCLWTYEIQFS QDGKAYTPVSRKPSTFNLVFSPDTGAVSGSYRVRALDYWARPGPFSDPVPYLEVP

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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 concentration instruction is sent along with the products.

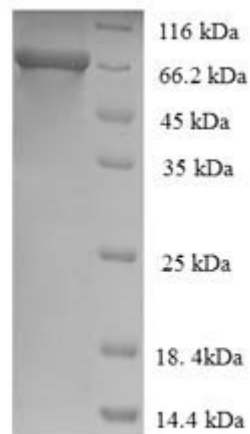
GENE INFORMATION

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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