

Recombinant Human Alpha-L-iduronidase(IDUA)

Catalog No: #AP70419

Package Size: #AP70419-1 20ug #AP70419-2 100ug #AP70419-3 1mg

Description

Product Name	Recombinant Human Alpha-L-iduronidase(IDUA)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-653aaSequence Info:Full Length
Accession No.	P35475
Calculated MW	73.9 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	APHLVHVDAAARALWPLRRFWRSTGFCPPLPHSQADQYVLSWDQQLNLAYVGAVPHRGIKQVIRTHWLLELVT TRGSTGRGLSYNFTHLDDGYLDLLRENQLLPGFELMGSAAGHFTDFEDKQQVFEWKDLVSSLARRYIGRYGLA HVSKWNFETWNEPDHHDNDVSMTMQGFLNYYDACSEGLRAASPALRLGGPGDSFHTPPRSPLSWGLLRH CHDGTNFFTGEAGVRLDYISLHRKGARSSISILEQEKVVAQQIRQLFPKFADTPIYNDEADPLVGWSLPQPWRA DVTYAAMVVKVIAHQHQLLLANTTSAPFYALLSNDNAFLSYHPHPFAQRTLARFQVNNTRPPHVQLLRKPVLT AMGLLALLDEEQLWAEVSQAGTVLDSNHTVGVLASAHRPQGPADAWRAAVLIYASDDTRAHPNRSVAVTLRL RGVPPGPGLVVYTRYLDNGLCSPDGEWRRLLGRPVFPTAEQFRMRRAEDPVAAAPRPLPAGGRLTLRPLALR LPSLLLHVHVCARPEKPPGQVTRLRALPLTQGGQLVLVWSDEHVGSKCLWYIEIQFSQDGKAYTPVSRKPSTFNL FVFSPDTGAVSGSYRVRALDYWARPGPFSDPVYPYLEVPVPRGPPSPGNP
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

Human alpha-L-iduronidase uses its own N-glycan as a substrate-binding and catalytic module.Maita N., Tsukimura T., Taniguchi T., Saito S., Ohno K., Taniguchi H., Sakuraba H.Proc. Natl. Acad. Sci. U.S.A. 110:14628-14633(2013)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.