

Recombinant Human HYAL2 Protein (21-448 aa), His-tagged

Cat. No. HYAL2-1651H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HYAL2 Protein (21-448 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Yeast
ProteinLength	21-448 aa
Description	Hydrolyzes high molecular weight hyaluronic acid to produce an intermediate-sized product which is further hydrolyzed by sperm hyaluronidase to give small oligosaccharides. Displays very low levels of activity. Associates with and negatively regulates MST1R.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	51.3 kDa
AA Sequence	MELKPTAPPIFTGRPFVVAWDVPTQDCGPRLKVPLDLNAFDVQASPNEG FVNQNITI FYRDLGLYPRFDSAGRSVHGGVPQNVSLWAHRKMLQKRVEHYIRTQESAGLAVID WEDWRPVWVRNWQDKDVYRRLSRQLVASRHPDWPPDRIVKQAQYEFEEFAAQF MLETLRYVKAVRPRHLWGFYLFPCYNHDYVQNWESYTGRCPDVEVARNDQLAW LWAESTALFPSVYLDETLASSRHGRNFVSFRVQEALRVARTHANHALPVYVFTRP TYSRRLTGLSEMDLISTIGESAALGAAGVILWGDAGYTTSTETCQYLKDYLTRLLVPY

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	VVNVSWATQYCSRAQCHGHGRCVRRNPSASTFLHLSTNSFRLVPGHAPGEPQLRP VGELSWADIDLQTHFRCQCYLGWSGEQCQWDHRQAAGG
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	HYAL2 hyaluronoglucosaminidase 2 [Homo sapiens]
Official Symbol	HYAL2
Synonyms	HYAL2; LuCa 2; LUCA2; PH 20 homolog; hyal-2; PH20 homolog; PH-20 homolog;
Gene ID	8692
mRNA Refseq	NM_003773
Protein Refseq	NP_003764
MIM	603551

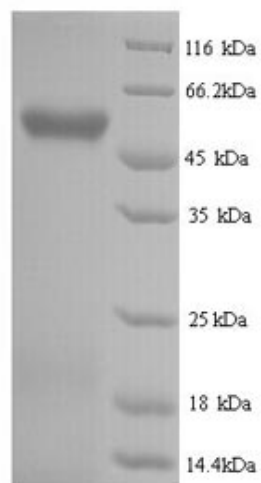
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UniProt ID

Q12891



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

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