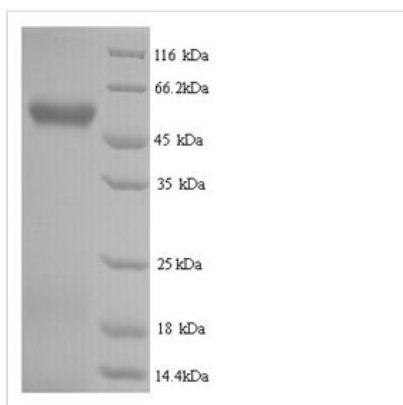




Recombinant Human Hyaluronidase-2 (HYAL2)

Product Code	CSB-YP618635HU
Relevance	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.
Abbreviation	Recombinant Human HYAL2 protein
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.
Uniprot No.	Q12891
Alias	Hyaluronoglucosaminidase-2Lung carcinoma protein 2 ;LuCa-2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MELKPTAPPIFTGRPFVVAWDVPTQDCGPRLKVPLDLNAFDVQASPNEGTVN QNITIFYRDLGLYPRFDSAGRSVHGGVPQNVSLWAHRKMLQKRVEHYIRTQ ESAGLAVIDWEDWRPVWVRNWQDKDVYRRLSRQLVASRHPDWPPDRIVKQA QYEFEEAAQQFMLETTRYVKAVRPRHLWGFYLPDCYNHDYVQNWESYTGR CPDVEVARNDQLAWLWAESTALFPSVYLDETLASSRHGRNFVSFRVQEALRV ARTHANHALPVYVFTRPTYSRRLTGLSEMDLISTIGESAALGAAGVILWGDAG YTTSTETCQYLKDYLRLLVPYVVNVSWATQYCSRAQCHGHGRCVRRNPSAS TFLHLSTNSFRLVPGHAPGEPQLRPVGEISWADIDHLQTHFRCQCYLGWSGE QCQWDHRQAAGG
Research Area	Cancer
Source	Yeast
Target Names	HYAL2
Protein Names	Recommended name: Hyaluronidase-2 Short name= Hyal-2 EC= 3.2.1.35 Alternative name(s): Hyaluronoglucosaminidase-2 Lung carcinoma protein 2 Short name= LuCa-2
Expression Region	21-448aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	51.3kDa
Protein Length	Full Length of Mature Protein
Image	



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.