



Recombinant Human Hyaluronidase-3 (HYAL3)

Product Code	CSB-EP010920HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43820
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	QPLPQVPERP FSVLWNVPSA HCEARFGVHL PLNALGIIAN RGQHFHGGQNM TIFYKNQLGL YPYFGPRGTA HNGGIPQALP LDRHLALAAAY QIHHSRLRPGF AGPAVLWEE WCPLWAGNWWG RRRAYQAASW AWAQQVFPDL DPQEQLYKAY TGFEQAARAL MEDTLRVAQA LRP HGLWGFY HYPACGNGWH SMASNYTGRC HAATLARNTQ LHWLWAASSA LFPSIYLPPR LPPAHHQAFV RHRLEEA FRV ALVGHRHPLP VLAYVRLTHR RSGRFLSQDD LVQSIGVSAA LGAAGVVLWG DLSLSSEEE CWHLHDYLVDTLGPYVINVT RAAMACSHQR CHGHGRCARR DPGQMEAFLLWPDGSLGDW KSFSCHCYWG WAGPTCQEPR PGPKEAV
Source	E.coli
Target Names	HYAL3
Protein Names	Recommended name: Hyaluronidase-3 Short name= Hyal-3 EC= 3.2.1.35 Alternative name(s): Hyaluronoglucosaminidase-3 Lung carcinoma protein 3 Short name= LuCa-3
Expression Region	21-417
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a protein which is similar in structure to hyaluronidases. Hyaluronidases intracellularly degrade hyaluronan, one of the major glycosaminoglycans of the extracellular matrix. Hyaluronan is thought to be involved in cell proliferation, migration and differentiation. However, this protein has not yet been shown to have hyaluronidase activity. The gene is one of several related genes in a region of chromosome 3p21.3 associated with tumor suppression.
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.