



# Recombinant Human Hyaluronidase-3 (HYAL3)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-YP010920HU  |
| <b>Storage</b>           | Store at -20°C, for extended storage, conserve at -20°C or -80°C.   |
| <b>Uniprot No.</b>       | O43820  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Homo sapiens (Human)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | <p>QPLPQVPERP FSVLWNVPSA HCEARFGVHL PLNALGIIAN RGQHFHFGQNM<br/> TIFYKNQLGL YPYFGPRGTA HNGGIPQALP LDRHLALAAAY QIHHSRLRPGF<br/> AGPAVLWEE WCPLWAGNNG RRRAYQAASW AWAQQVFPDL<br/> DPQEQLYKAY TGFEQAARAL MEDTLRVAQA LRPGLWGFY<br/> HYPACGNGWH SMASNYTGRC HAATLARNTQ LHWLWAASSA LFPSIYLPPR<br/> LPPAHHQAFV RHRLEEAQFRV ALVGHRHPLP VLAYVRLTHR RSGRFLSQDD<br/> LVQSIGVSAA LGAAGVVLWG DLSLSSEEE CWHLHDYLVDTLGPYVINVT<br/> RAAMACSHQR CHGHGRCARR DPGQMEAFLLWPDGSLGDW<br/> KSFSCHCYWG WAGPTCQEPR PGPKEAV</p> |
| <b>Source</b>            | Yeast   |
| <b>Target Names</b>      | HYAL3   |
| <b>Protein Names</b>     | <p>Recommended name: Hyaluronidase-3 Short name= Hyal-3 EC= 3.2.1.35<br/> Alternative name(s): Hyaluronoglucosaminidase-3 Lung carcinoma protein 3<br/> Short name= LuCa-3</p>  |
| <b>Expression Region</b> | 21-417  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.   |
| <b>Protein Length</b>    | Full Length of Mature Protein   |
| <b>Target Details</b>    | <p>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.</p>      |
| <b>Reconstitution</b>    | <p>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.</p>  |
| <b>Shelf Life</b>        | 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.