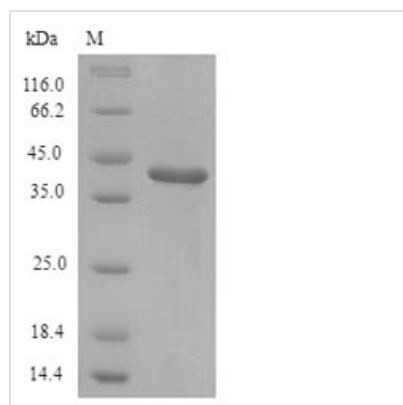




Recombinant Rat Lumican (Lum)

Product Code	CSB-EP013234RA
Abbreviation	Recombinant Rat Lum 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.	P51886
Alias	Keratan sulfate proteoglycan lumican Short name: KSPG lumican
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QYYDYDAPLFMYGELSPNCAPECNCPHSYPTAMYCDDLKLKSVPMVPPGIKY LYLRNNQIDHIDEKAFENVTDLQWLILDHNNLENSKIKGKVFSKLKQLKKLHINY NNLTESVGPLPKSLQDLQLANNKISKLGSDGLVNLTFIYLQHNQLKEEAVSAS LKGLKSLEYLDLSFNQMSKLPAGLPTSLLTLYLDNNKITNIPDEYFNRFTGLQYL RLSHNELADSGVPGNSFNISLLELDLSYNKLKSIPTVNENLENYYLEVKNLEKF DVKSFCILGPLSYSKIKHLRLDGNPLTQSSLPPDMECLRVANEITVN
Research Area	Signal Transduction
Source	E.coli
Target Names	Lum
Expression Region	19-338aa
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	40.5kDa
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.