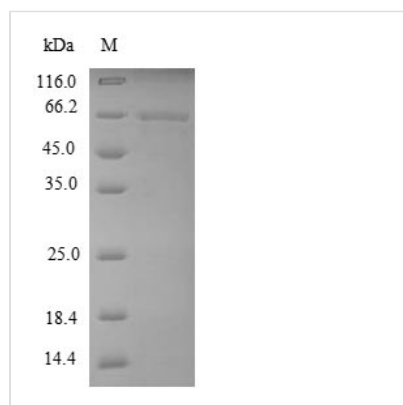




Recombinant Dog MMP13 protein (MMP13)

Product Code	CSB-EP2042DO
Abbreviation	Recombinant Dog MMP13 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.	A0A0C6E3R7
Product Type	Recombinant Protein
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	LPLPSDGDDDLSEEDFQLAERYLKSYYYPLNPAGILKKSAAGSVADRLREMQS FFGLEVTGKLDDNTLDIMKKPRCGVPDVGEYNVFPRTLKWSKTNLTIRIVNYT PDLTHSEVEKAFKKAFKVWSDVTPLNFTRLHDGTADIMISFGTKEHGDFYFPD GPSGLLAHAFPPGPNYGGDAHFDDETWTSSSKGYNLFLVAAHEFGHSLGLD HSKDPGALMFPIYTYTGKSHFMLPDDDDVQGIQSLYGPGEDEPNPRHPKTPDK CDPSLSLDAITSLRGETMIFKDRFFWRLHPQQVDAELFTKSFWEPLPNRIDAA YEHPSRDLIFRGRKYWALNGYDILEGYPPQKISELGFPKEVKKISAAPHFEDTG KTLFFSGNQVWSYDDTNQIMDKDYPRLEEDFPGIGDKVDAVYEKNGYIYFFN GPIQFEYNIWKRIVRVMPANSLWC
Research Area	Cardiovascular
Source	E.coli
Target Names	MMP13
Expression Region	28-478aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	67.5kDa
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.