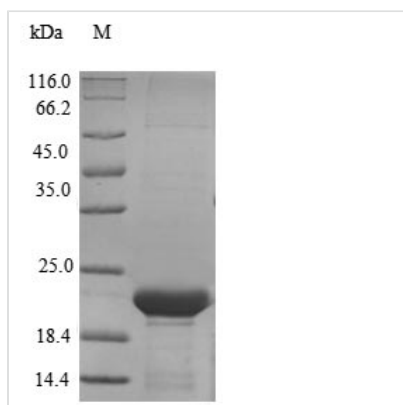




Recombinant Mouse Epididymal-specific lipocalin-5 (Lcn5)

Product Code	CSB-EP381788MO
Relevance	Associates with spermatozoa in the epididymal fluid but does not bind tightly to them. Binds both all-trans and 13-cis retinoic acid. May act as a retinoid carrier protein which is required for epididymal function and/or sperm maturation.
Abbreviation	Recombinant Mouse Lcn5 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.	A2AJB7
Alias	Epididymal retinoic acid-binding protein Short name: E-RABP Short name: mE-RABP Epididymal secretory protein 10 Short name: MEP 10 Cleaved into the following 2 chains: Epididymal-specific lipocalin-5, major form Epididymal-specific lipocalin-5, minor form
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TEAAVVKDFDVNKFGLFWYEIALASKMGAYGLAHKEEKMGAMVVELKENLLAL TTTTYNEGHCVLEKVAATQVDGSAKYKVTRISGEKEVVVVATDYMITYTVIDITS LVAGAVHRAMKLYSRSLDNNGEALNNFQKIALKHGFSETDIHILKHDLTCVNAL QSGQI
Research Area	Others
Source	E.coli
Target Names	Lcn5
Protein Names	Recommended name: Epididymal-specific lipocalin-5 Alternative name(s): Epididymal retinoic acid-binding protein Short name= E-RABP Short name= mE-RABP Epididymal secretory protein 10 Short name= MEP 10 Cleaved into the fol
Expression Region	27-192aa
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	22.3kDa
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.