

Recombinant Mouse Epididymal-specific lipocalin-5(Lcn5)

Catalog No: #AP73973

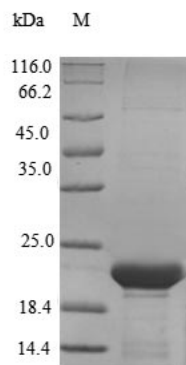
Package Size: #AP73973-1 20ug #AP73973-2 100ug #AP73973-3 1mg

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Description

Product Name	Recombinant Mouse Epididymal-specific lipocalin-5(Lcn5)
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:27-192aaSequence Info:Full Length
Other Names	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
Accession No.	A2AJB7
Uniprot	A2AJB7
GeneID	13863;
Calculated MW	22.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	TEAAVVKDFDVNKFLLGFWYEIALASKMGAYGLAHKEEKMGAMVVELKENLLALTTTYNEGHCVLEKVAATQV DGS AKYKVTRISGEKEVVVATDYMITYTVIDITSLVAGAVHRAMKLYSRSLDNNGEALNNFQKIALKHGFSETDI HILKHDLTVCNALQSGQI
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



Background

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.

References

"Isolation, immunolocalization, and sperm-association of three proteins of 18, 25, and 29 kilodaltons secreted by the mouse epididymis."
Rankin T.L., Tsuruta K.J., Holland M.K., Griswold M.D., Orgebin-Crist M.-C. Biol. Reprod. 46:747-766(1992) Research Topic: Others

Note: This product is for in vitro research use only