

Recombinant Mouse Lcn5 protein, His/T7-tagged

Cat. No. LCN5-9008M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lcn5 fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	This gene encodes a small secreted protein that is expressed in the epididymis and binds retinoic acid. The precursor protein is processed into both a longer major form and a shorter minor form. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	21.4kDa
AA Sequence	EAA VVKDFDVNKF LGFWYEIALA SKMGAYGLAH KEEKMGAMVV ELKENLLALT TTYYNEGHCV LEKVAATQVD GSAKYKVTRI SGEKEVVVA TDYMTYTVID ITSLVAGAVH RAMKLYSRSL DNNGEALNNF QKIALKHGFS ETDIHILKHD LTCVNAL
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
GENE INFORMATION	
Gene Name	Lcn5 lipocalin 5 [Mus musculus]
Official Symbol	Lcn5
Synonyms	Erabp; MEP10; E-RABP; epididymal retinoic acid binding protein; epididymal secretory protein 10; lcn5
Gene ID	13863
mRNA Refseq	NM_001042630
Protein Refseq	NP_001036095
MIM	
UniProt ID	A2AJB7
Chromosome Location	2; 2
Function	retinoid binding; small molecule binding; transporter activity

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