

Recombinant Rat Lcn6 protein, His & GST-tagged

Cat. No. Lcn6-1149R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Lcn6 aa. (Met54~Gln181 (Accession # Q6KGV4) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met54~Gln181
Description	Human homolog is a member of the lipocalin family of hydrophobic ligand binding proteins and may play a role in male fertility.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 41.7kDa.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Lcn6 lipocalin 6 [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Lcn6
Synonyms	Lcn6; lipocalin 6; epididymal-specific lipocalin-6; epididymal-specific lipocalin ELP16
Gene ID	414138
mRNA Refseq	NM_001001519.1
Protein Refseq	NP_001001519.1
UniProt ID	Q6KGV4

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