Recombinant Human LCN12 Protein, His/GST-tagged

Cat. No. LCN12-500H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LCN12(Leu61~Gly184) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu61~Gly184
Description	Members of the lipocalin family, such as LCN12, have a common structure consisting of an 8-stranded antiparallel beta-barrel that forms a cup-shaped ligand-binding pocket or calyx. Lipocalins generally bind small hydrophobic ligands and transport them to specific cells (Suzuki et al., 2004 [PubMed 15363845]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	40.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

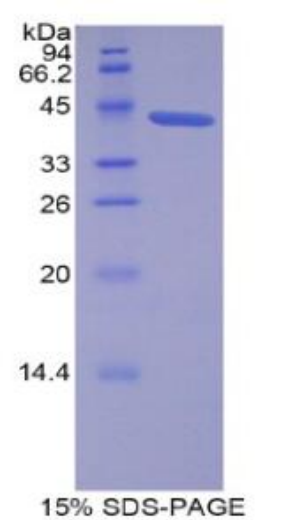
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
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 PBS or others.

GENE INFORMATION

Gene Name	LCN12 lipocalin 12 [Homo sapiens]
Official Symbol	LCN12
Synonyms	LCN12; lipocalin 12; epididymal-specific lipocalin-12; MGC48935; lipocalcin 12; MGC34753;
Gene ID	286256
mRNA Refseq	NM_178536
Protein Refseq	NP_848631
MIM	612905
UniProt ID	Q6JVE5

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15% SDS-PAGE

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