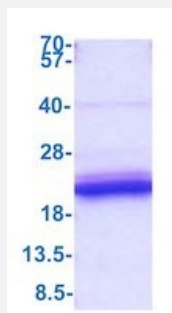


LCN1 (Human) Recombinant Protein

Catalog # P7667 Size 500 ug

Applications



SDS-PAGE analysis of LCN1 (Human) Recombinant Protein.

Specification

Product Description	Human LCN1 (NP_001239546, 19 a.a. - 176 a.a) partial recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMHLLASDEEIQDVSGTWYKAMTVDREFPEMNLESVTP MTLTLEGGNLEAKVTMLISGRQCEVKAVLEKTDEPGKYADGGKHVAYIIRSHVKDHYIFYCEGEL HGKPVRGVKLVGRDPKNNLEALEDFEKAAGARGLSTESILIPRQSETCSPGSD
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	20.1
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	1mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of LCN1 (Human) Recombinant Protein.
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — LCN1

Entrez GeneID[3933](#)**Protein Accession#**[P31025](#)**Gene Name**

LCN1

Gene Alias

MGC71975, PMFA, TP, VEGP

Gene Description

lipocalin 1 (tear prealbumin)

Omim ID[151675](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene belongs to the lipocalin family. Lipocalins are a group of extracellular proteins that are able to bind lipophiles by enclosure within their structures to minimize solvent contact. This protein may bind hydrophobic ligands and inhibit cysteine proteinases. It may also play a role in taste reception. [provided by RefSeq]

Other Designations

OTTHUMP00000022539|OTTHUMP00000022540|Von Ebner gland protein|lipocalin 1|lipocalin 1 (protein migrating faster than albumin, tear prealbumin)|lipocalin 1-like 2|tear lipocalin

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)

- [Osteoporosis](#)