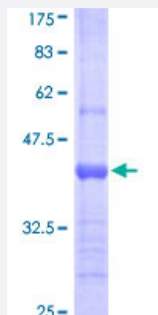


LCN1 (Human) Recombinant Protein (Q01)

Catalog # H00003933-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LCN1 partial ORF (NP_002288, 24 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	SDEEIQDVSGTWYLKAMTVDREFPEMNLESVTPMTLTTLLEGGNLEAKVTMLISGRCQEVKAVLEK TDEPGKYTADGGKHVAYIIRSHVKDHYIFYCE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LCN1

Entrez GeneID [3933](#)

GeneBank Accession# [NM_002297](#)

Protein Accession# [NP_002288](#)

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](#)