

Lipocalin-1 Recombinant Protein | LCN1 recombinant protein

Recombinant Human Lipocalin-1

CATALOG # AAA37980	HOST E Coli
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PRODUCT SYNONYMS

Lipocalin-1; Recombinant Human Lipocalin-1; LCN1 Human; Lipocalin-1 Human Recombinant; PMFA; TLC; TP; VEGP; Tear lipocalin; Tear prealbumin; Von Ebner gland protein; VEG protein; LCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	LCN1 protein solution (1mg/ml) containing Phosphate buffered saline, 10% glycerol and 1mM DTT.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>HHLLASDE EIQDVSGTWY LKAMTV DREF PEMNLESVTP</u> <u>MTLTTLEGGN LEAKVTMLIS GRCQEVKAVL EKTDEPGKYT ADGGKHVAYI IRSHVKDHYI FYCEGELHGK</u> <u>PVRGVKLVGR DPKNNLEALE DFEKAAGARG LSTESILIPR QSETCSPGSD</u>
Sequence Length	176
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	Store at 4°C if entire vial will be used in 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LCN1 recombinant protein	Introduction: Lipocalin-1 (LCN1) belongs to the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins, which bind to various hydrophobic ligands. LCN1 protein is the principal lipid binding protein in tears and is overproduced in response to numerous stimuli including infection and stress. LCN1 is a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Description: LCN1 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 183 amino acids (19-176 a.a) and having a molecular mass of 20.1kDa. LCN1 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for LCN1 recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	357933617
NCBI GeneID	3933
NCBI Accession #	NP_001239546.1
NCBI GenBank Nucleotide #	NM_001252617.1
UniProt Accession #	P31025 ; Q5T8A1
NCBI Official Full Name	lipocalin-1 isoform 1
NCBI Official Synonym Full Names	lipocalin 1

NCBI Official Symbol	LCN1
NCBI Official Synonym Symbols	TP; TLC; PMFA; VEGP
NCBI Protein Information	lipocalin-1
UniProt Protein Name	Lipocalin-1
UniProt Gene Name	LCN1
UniProt Synonym Gene Names	VEGP; Tlc; TP; VEG protein
UniProt Entry Name	LCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/lcn1-recombinant-protein-e-coli/37980>