

LCN1 recombinant protein

LCN1, 19-176aa, Human, His tag, E Coli

CATALOG # AAA48884	HOST E Coli	APPLICATIONS SDS-Page
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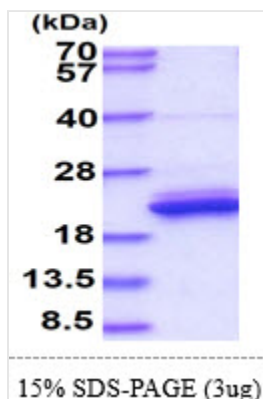
PRODUCT SYNONYMS

LCN1; 19-176aa; Human; His tag; E Coli; Lipocalin-1; PMFA; TLC; TP; VEGP; LCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In phosphate buffered saline (pH 7.4) containing 10% glycerol, 1mM DTT
Concentration	1.0 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSSLVPRGSH MGSHMHLLA SDEIQDVSG TWYLKAMTVD REFPEMNLES VTPMTLTLE GGNLEAKVTM LISGRCQEVK AVLEKTDEPG KYTADGGKHV AYIIRSHVKD HYIFYCEGEL HGKPVRGVKL VGRDPKNNLE ALEDFEKAAG ARLSTESIL IPRQSETCSP GSD
Sequence Length	176
Applicable Applications for LCN1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for LCN1 recombinant protein	LCN1 is a member of the lipocalin family of small secretory proteins. Lipocalins are extracellular transport proteins that bind to a variety of hydrophobic ligands. This protein is the primary lipid binding protein in tears and is overproduced in response to multiple stimuli including infection and stress. It may be a marker for chromosome aneuploidy as well as an autoantigen in Sjogren's syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and two pseudogenes of this gene are also located on the long arm of chromosome 9. Recombinant human LCN1 protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for LCN1 recombinant protein	Neuroscience
References	Dartt DA. (2011), Ocul Surf. 9 (3):126-38.

NCBI AND UNIPROT INFORMATION

NCBI GI #	357933617
NCBI GeneID	3933
NCBI Accession #	NP_001239546
NCBI GenBank Nucleotide #	NM_001252617.1
UniProt Accession #	P31025; Q5T8A1
Molecular Weight	20.1 kDa (183aa) confirmed by MALDI-TOF
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

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.