Lipocalin 1 Recombinant Protein | LCN1 recombinant protein

Recombinant Lipocalin 1 (LCN1)

CATALOG #	HOST	APPLICATIONS
AAA144073	**E.coli**	**Western Blot, SDS-Page**

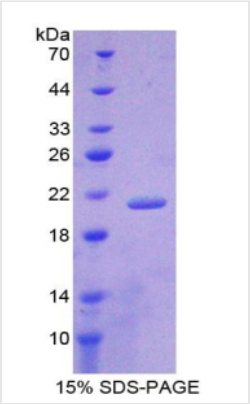
PRODUCT SYNONYMS

Lipocalin 1; Recombinant Lipocalin 1 (LCN1); LCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Sequence	PTTEENQDVS GTWYLKAAAW DKEIPDKKFG SVSVTPMKIK TLEGGNLQVK FTVLIAGRCK EMSTVLEKTD EPAKYTAYSG KQVLYIIPSS VEDHYIFYYE GKIHRHHFQI AKLVGRDPEI NQEALEDFQS VVRAGGLNPD NIFIPKQSET CP
Applicable Applications for LCN1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Rattus norvegicus (Rat)
Source	Prokaryotic expression
Residues	Pro22~Pro173
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.6
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** 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 degree C 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.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504963
NCBI GeneID	3933
NCBI Accession #	NP_002288.1
NCBI GenBank Nucleotide #	NM_002297.3
Molecular Weight	Predicted Molecular Mass: 21.0kDa Accurate Molecular Mass: 21kDa as determined by SDS-PAGE reducing conditions.
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://stage.aaabiotech.com/lcn1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144073