# Lipocalin 1 Recombinant Protein | LCN1 recombinant protein

Recombinant Lipocalin 1 (LCN1)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA143961** | **E.coli** | **Homo sapiens (Human)** | **Western Blot, SDS-Page** |

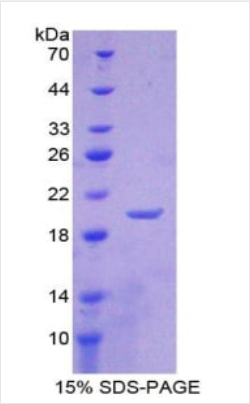
## PRODUCT SYNONYMS

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

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | E.coli |
| **Reactivity** | Homo sapiens (Human) |
| **Purity/Purification** | > 90% |
| **Form/Format** | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose. |
| **Concentration** | Original Concentration: 200ug/mL (varies by lot) |
| **Applicable Applications for LCN1 recombinant protein** | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control |
| **Source** | Prokaryotic expression |
| **Residues** | Ser24~Ser172 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Secreted |
| **Traits** | Freeze-dried powder |
| **Predicted isoelectric point** | 6.0 |
| **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:**<br>Avoid repeated freeze/thaw cycles.<br>Store at 2-8 degree C for one month.<br>Aliquot and store at -80 degree C for 12 months.<br><br>**Stability Test:**<br>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: 20.3kDa<br>Accurate Molecular Mass: 20kDa 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://www.aaabiotech.com/lcn1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143961