

## Recombinant Human LCN2 Protein, MYC/DDK-tagged

Cat. No. LCN2-342H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human LCN2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene encodes a protein that belongs to the lipocalin family. Members of this family transport small hydrophobic molecules such as lipids, steroid hormones and retinoids. The protein encoded by this gene is a neutrophil gelatinase-associated lipocalin and plays a role in innate immunity by limiting bacterial growth as a result of sequestering iron-containing siderophores. The presence of this protein in blood and urine is an early biomarker of acute kidney injury. This protein is thought to be involved in multiple cellular processes, including maintenance of skin homeostasis, and suppression of invasiveness and metastasis. Mice lacking this gene are more susceptible to bacterial infection than wild type mice. [provided by RefSeq, Sep 2015]</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
<b>Molecular Mass</b>	22.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

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## GENE INFORMATION

**Gene Name** lipocalin 2 [ Homo sapiens ]

**Official Symbol** LCN2

**Synonyms** 24p3; MSFI; NGAL

**Gene ID** 3934

**mRNA Refseq** NM\_005564.3

**Protein Refseq** NP\_005555.2

**MIM** 600181

**UniProt ID** P80188

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