

Recombinant Human LCN2 Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant human LCN2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	22.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>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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