

## Recombinant Human LCN2, His-tagged

Cat. No. LCN2-29121TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Lipocalin 2; 198 amino acids, 22.6kDa, N-terminal His-tagged.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Lipocalin-2 (LCN2), also known as oncogene 24p3 or neutrophil gelatinase-associated lipocalin (NGAL), is a protein that in humans is encoded by the LCN2 gene.
<b>Conjugation</b>	HIS
<b>Tissue specificity</b>	Expressed in bone marrow and in tissues that are prone to exposure to microorganism. High expression is found in bone marrow as well as in uterus, prostate, salivary gland, stomach, appendix, colon, trachea and lung. Not found in the small intestine or pe
<b>Form</b>	Lyophilised: Add deionized water to prepare a working stock solution of approximately 1 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: PBS

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<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequences of amino acids</b>	MPLGLLWLGL ALLGALHAQA QDSTSDLIPA PPLSKVPLQQ NFQDNQFQGK WYVVGLAGNA ILREDKDPQK MYATIYELKE DKSYNVTSVL FRKKKCDYWI RTFVPGCQPG EFTLGNIKSY PGLTSYLVRV VSTNYNQHAM VFFKKVSQNR EYFKITLYGR TKELTSELKE NFIRFSKSLG LPENHIVFPV PIDQCIDG
<b>Sequence Similarities</b>	Belongs to the calycin superfamily. Lipocalin family.
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	LCN2 lipocalin 2 [ Homo sapiens ]
<b>Official Symbol</b>	LCN2
<b>Synonyms</b>	LCN2; lipocalin 2; lipocalin 2 (oncogene 24p3); neutrophil gelatinase-associated lipocalin; 24p3; neutrophil gelatinase associated lipocalin; NGAL; oncogene 24p3; siderocalin;
<b>Gene ID</b>	3934
<b>mRNA Refseq</b>	NM_005564
<b>Protein Refseq</b>	NP_005555
<b>MIM</b>	600181

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<b>Uniprot ID</b>	P80188
<b>Chromosome Location</b>	9q34
<b>Function</b>	binding; iron ion binding; protease binding; protein homodimerization activity; transporter activity;

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