Recombinant Human LCN2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant full length Human Lipocalin 2; 198 amino acids, 22.6kDa, N-terminal His-tagged.
Species	Human
Source	E.coli
Description	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.
Conjugation	HIS
Tissue specificity	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
Form	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
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: PBS

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

GENE INFORMATION

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

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

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