

Recombinant Human Lipocalin 2

Cat. No. LCN2-4930H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Lipocalin-2 consisting of 178 amino acids (a.a. 21-198, Accession NP_00555) was expressed from E. coli and purified using proprietary technology.
Species	Human
Source	E.coli
ProteinLength	21-198 a.a.
Description	Lipocalin-2 (LCN-2), a secreted glycoprotein, is an adipokine that potentially connects obesity and its related adipose inflammation. Lipocalin-2 has also been implicated in a variety of processes including cell differentiation, tumorigenesis, and apoptosis.
Biological Activity	Test in process
Molecular Weight	20 kDa
Form	Lyophilized without additives.
Appearance	Lyophilized protein
Endotoxin Level	<0.1 EU/g protein
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration 0.1-1

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mg/ml. The solution can then be further diluted to other aqueous solutions.

Purity >95% by SDS-PAGE and HPLC

Storage Store at -20°C as supplied. After reconstitution, aliquot and store at -20°C. Stable for up to 3 months. Avoid freeze/thaw cycle. For long term storage, it's recommended to add a carrier protein (0.1% BSA).

GENE INFORMATION

Gene Name LCN2 lipocalin 2 [Homo sapiens]

Official Symbol LCN2

Synonyms LCN2; lipocalin 2; 24p3; MSFI; NGAL; neutrophil gelatinase-associated lipocalin; p25; lipocalin-2; siderocalin; oncogene 24p3; OTTHUMP00000022238; OTTHUMP00000022239; OTTHUMP00000022240; migration-stimulating factor inhibitor; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; HNL; lipocalin 2 (oncogene 24p3); Lipocalin-2

Gene ID 3934

mRNA Refseq NM_005564

Protein Refseq NP_005555

MIM 600181

UniProt ID P80188

Chromosome 9q34

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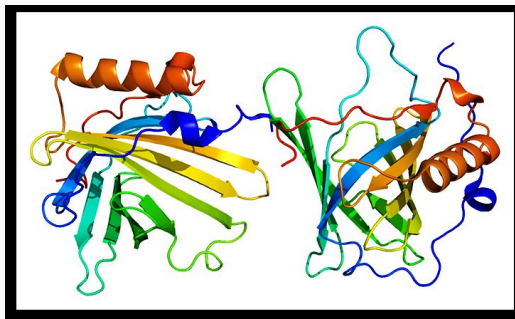
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Location

Function

binding; iron ion binding; protease binding; protein homodimerization activity;
transporter activity

PDB rendering based
on 1dfv.



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