

Recombinant Rat Lipocalin 2, FLAG-Tagged

Cat. No. Lcn2-2157R **Lot. No.** (See product label)

SPECIFICATION

| | |
|--------------------------|---|
| Product Overview | Recombinant Rat Lipocalin 2 was produced in <i>HEK 293 cells</i> . The mature peptide of rat lipocalin-2 (aa 1-198) is fused to a FLAG-tag at the C-terminus. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | 1-198 a.a. |
| Description | Lipocalin-2(LCN2), also known as neutrophil gelatinase-associated lipocalin (NGAL), 24p3, siderocalin, or neutrophil lipocalin (NL), is a 25-kDa secretory glycoprotein which is expressed in liver, lung, kidney, adipocytes, activated neutrophils, and macrophages. LCN2 appears to be upregulated in the case of information and infection conditions. Several reports suggest that LCN2 may represent a sensitive biomarker for various renal injuries and somehow may be involved in the pathophysiological process of some chronic renal diseases. |
| Purity | ≥90% (SDS-PAGE). |
| Formulation | Liquid. 0.2µm-filtered solution in PBS. |
| Concentration | 0.3mg/ml. |
| Endotoxin Content | <1EU/g protein (LAL-test). |

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Store at -20°C.

GENE INFORMATION

Gene Name [Lcn2 lipocalin 2 \[Rattus norvegicus \]](#)

Synonyms Lcn2; lipocalin 2; neutrophil gelatinase-associated lipocalin; p25; NGAL; lipocalin-2; lipocalin 2 (oncogene 24p3); alpha-2U globulin-related protein; alpha-2-microglobulin-related protein

Gene ID [170496](#)

mRNA Refseq [NM_130741](#)

Protein Refseq [NP_570097](#)

UniProt ID [P30152](#)

Chromosome Location 3p11

Function Binding; protease binding; protein homodimerization activity; transporter activity

PDB rendering based on 1dfv.

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