

Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2 Recombinant Protein | LCN2 recombinant protein

Recombinant Human Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2, His Tag

CATALOG # AAA38263	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot
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PRODUCT SYNONYMS

Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2; Recombinant Human Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2; His Tag; LCN2 Human; His; Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2 Human Recombinant; Neutrophil gelatinase-associated lipocalin; NGAL; p25; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; Lipocalin-2; Oncogene 24p3; LCN2; LCN2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE. Single band on Western Blot.
Form/Format	Lipocalin-2 is supplied in PBS, 50% glycerol. Sterile Filtered clear solution.
Sequence Length	198
Applicable Applications for LCN2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot)
Preparation and Storage	Store at 4 degree C if entire vial will be used within 1-2 weeks. Store, frozen at -20 degree C for longer periods of time. Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for LCN2 recombinant protein	Description: Neutrophil Gelatinase Associated Lipocalin Human Recombinant is expressed in E Coli having a molecular weight of 28.1 kDa fused to an amino terminal hexahistidine tag. The LCN2 is purified by proprietary chromatographic techniques. Introduction: Recombinant Human Lipocalin-2 also called Neutrophil Gelatinase Associated Lipocalin (NGAL) belongs to a family of lipocans which include 25 proteins (including a1-microglobulin and b-lactoglobulin), which are characterized by their ability to bind small lipophilic substances in their hydrophobic core. They thereby serve as transporters of substances like retinal, biliverdins & prostaglandins. There are indications that NGAL is involved in modulation of the inflammatory response and is found in the plasma of patients after stroke.
Product Categories/Family for LCN2 recombinant protein	Enzymes; Lipocalin-2

NCBI AND UNIPROT INFORMATION

NCBI GI #	38455402
NCBI GeneID	3934
NCBI Accession #	NP_005555.2
NCBI GenBank Nucleotide #	NM_005564.3
UniProt Accession #	P80188; P30150; Q5SYV9; Q5SYW0; Q6FGL5; Q92683; A6NII8; B4DWV4; B7ZAA2
Molecular Weight	22,457 Da

NCBI Official Full Name	neutrophil gelatinase-associated lipocalin
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	LCN2
NCBI Official Synonym Symbols	24p3; MSFI; NGAL
NCBI Protein Information	neutrophil gelatinase-associated lipocalin; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; lipocalin-2; migration-stimulating factor inhibitor; oncogene 24p3; p25; siderocalin LCN2
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	LCN2
UniProt Synonym Gene Names	HNL; NGAL; NGAL
UniProt Entry Name	NGAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lcn2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot/38263>