

Neutrophil gelatinase-associated lipocalin (NGAL) Recombinant Protein | NGAL recombinant protein

Recombinant Neutrophil gelatinase-associated lipocalin (NGAL)

CATALOG # AAA152132	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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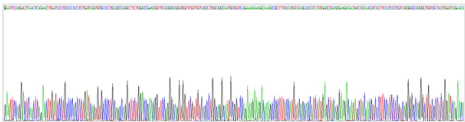
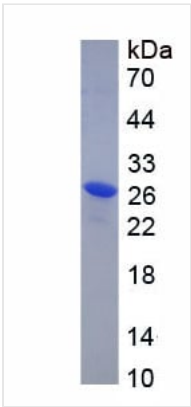
PRODUCT SYNONYMS

Neutrophil gelatinase-associated lipocalin (NGAL); Recombinant Neutrophil gelatinase-associated lipocalin (NGAL); NGAL/Neutrophil gelatinase-associated lipocalin; Lipocalin-2; LCN2; p25; Lipocalin 2; Oncogene 24p3; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; Siderocalin LCN2; NGAL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Gln21~Asn1 98
Applicable Applications for NGAL recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Rat
Isoelectric Point	8.2
Tag	N-terminal His Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

QDSTQNLIPI PPLISVPLQP GFWTERFQGR
WFFVGLAGNA VQKERQSRFT MYSTIVELQE DNSYNTSIL VRGQGCYWI
RTFVPSSRPG QFTLGNIHSY PQIOSYDVQV ADTDYDQFAM VFFQKTSNK
QYFKVTLYGR TKGLSDELKE RFVSFAKSLG LKDNIVFSV PTDQCIDN

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for NGAL recombinant protein Infection immunity; Prokaryotic Recombinant proteins/RP

NCBI AND UNIPROT INFORMATION

NCBI GI #	18543345
NCBI GeneID	170496
NCBI Accession #	NP_570097.1
NCBI GenBank Nucleotide #	NM_130741.1
UniProt Accession #	P30152; Q5HZF1
Molecular Weight	22,476 Da
NCBI Official Full Name	neutrophil gelatinase-associated lipocalin
NCBI Official Synonym Full Names	lipocalin 2
NCBI Official Symbol	Lcn2
NCBI Official Synonym Symbols	Sip24
NCBI Protein Information	neutrophil gelatinase-associated lipocalin; p25; NGAL; lipocalin-2; siderocalin LCN2; lipocalin 2 (oncogene 24p3); alpha-2U globulin-related protein; alpha-2-microglobulin-related protein
UniProt Protein Name	Neutrophil gelatinase-associated lipocalin
UniProt Gene Name	Lcn2
UniProt Synonym Gene Names	NGAL
UniProt Entry Name	NGAL_RAT

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.

