

Active Recombinant Human NGAL Protein

Cat. No. LCN2-1026H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human neutrophil gelatinase-associated lipocalin (NGAL) protein with a C-terminal histidine tag. Predicted molecular weight: 22 kDa.
Species	Human
Source	E.coli
Description	Neutrophil gelatinase-associated lipocalin (NGAL) is a small glycoprotein expressed in the bone marrow, epithelial tissues associated with antimicrobial defense, and in the distal tubules and collecting duct of the kidney. Elevated levels of blood and urine NGAL are associated with acute or chronic renal failure
Form	Lyophilized from 0.2 µm filtered solution
Bio-activity	Anti-h NGAL 4202: + Anti-h NGAL 4203: + Anti-h NGAL 4204: + Anti-h NGAL 4205: +
Molecular Mass	22 kDa
AA Sequence	QDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWYVVGLAGNAILREDKDPQKMYATIIY ELKEDKSYNV TSVLFRKKKCDYWIRTFVPGCQPGEFTLGNIKSYPLTSYLVRVST NYNQHAMVFFKKVSQNREYF KITLYGRTKELTSELKENFIRFSKSLGLPENHIVFPVP IDQCIDGSGGHHHHHHHHH
Storage	2–8centigrade

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Concentration	0.5 mg/ml when reconstituted with 200 µof deionized water
Storage Buffer	Phosphate buffered saline, pH 7.4; containing 3 % sucrose, 2 % D-mannitol and 0.01 % Tween 20 as stabilizers
Reconstitution	Reconstitute lyophilized protein with 200 µof deionized water

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; p25; lipocalin-2; migration-stimulating factor inhibitor; 25 kDa alpha-2-microglobulin-related subunit of MMP-9; MSFI;
Gene ID	3934
mRNA Refseq	NM_005564
Protein Refseq	NP_005555
MIM	600181
UniProt ID	P80188

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