

Recombinant Human NGAL Protein

LCN2-1026H Human

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.
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
Source	E. coli
Species	Human
Tag	His
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	QDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWWVGLAGNAILREDKDPQKMYATIIYELKEDKSY NV TSVLFRKKKCDYWIRTFVPGCQPGEFTLGNISYPGLTSYLVRVVSTNYNQHAMVFFKKVSQNR EYF KITLYGRKELTSELKENFIRFSKSLGLPENHIVFPVPIDQCIDGSGGHHHHHHHH
Storage	2–8centigrade
Concentration	0.5 mg/ml when reconstituted with 200 µl of 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 µl of 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;

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Gene ID	3934
mRNA Refseq	NM_005564
Protein Refseq	NP_005555
MIM	600181
UniProt ID	P80188

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