

rHuNGAL / rHuLCN2

rec. Human Neutrophil Gelatinase Associated Lipocalin-2

fon:
+49 (0)731 - 3608 123
fax:
+49 (0)731 - 3608 962
eMail:
info@genaxxon.com
internet:
www.genaxxon.com

Product	Cat#	Package size
rHuNGAL	S5209.0002	2µg
rHuNGAL	S5209.0002	10µg
rHuNGAL	S5209.0002	1mg

Synonyms: Neutrophil gelatinase-associated lipocalin, NGAL, p25, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, Lipocalin-2, Oncogene 24p3, LCN2.

Introduction:

Recombinant Human Lipocalin-2 also called Neutrophil Gelatinase Associated Lipocalin (NGAL) belongs to a family of lipocans which include 25 proteins (including α 1-microglobulin and β -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 and 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 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.

Purity : Greater than 95.0%, determined by :
reducing and non-reducing SDS-PAGE (silver stained)
single band on western blot

Source: *E. coli*

Formulation

Sterile Filtered clear solution. Lipocalin-2 is supplied in PBS, 50% glycerol.

Application

LCN2 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested.

Stability

rHuNGAL can be stored at 4°C for 1-2 weeks if the entire content of the vial will be used within this time.
rHuNGAL solution should be stored at -18°C for prolonged period of time.
Please prevent from repeated freeze-thaw cycles.

Usage

The Genaxxon rHuNGAL is offered for research, laboratory or further manufacturing purposes. It may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.