



Product Datasheet

Product Name	Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2 Human Recombinant
Cata No	CB500475
Source	<i>Escherichia Coli.</i>
Synonyms	Neutrophil gelatinase-associated lipocalin, NGAL, p25, 25 kDa alpha-2-microglobulin-related subunit of MMP-9, Lipocalin-2, Oncogene 24p3, LCN2.

Description

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 & prostaglandins. There are indications that NGAL is involved in modulation of the inflammatory response and is found in the plasma of patients after stroke.

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.

Physical Appearance

Sterile Filtered clear solution.

Purity

Greater than 95% as determined by SDS-PAGE.
Single band on Western Blot.

Formulation

Lipocalin-2 is supplied in PBS, 50% glycerol.

Applications

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.