

Product Data Sheet

□ Cat # RP-383 Recombinant Human Neutrophil Gelatinase Associated Lipocalin/Lipocalin-2

Size: □ 10 ug

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.

Synonyms

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

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. The NGAL is purified (>95%) by proprietary chromatographic techniques.

Form and Storage

Lipocalin-2 (0.69 mg/ml) is supplied in PBS, 50% glycerol. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Suggested Usage

NGAL 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.

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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Alpha Diagnostic Intl Inc., 6203 Woodlake Center Dr, San Antonio, TX 78244, U S A;

India Contact:

Life Technologies (India) Pvt. Ltd.

306, Aggarwal City Mall, Opposite M2K Pitampura, Delhi - 110034 (INDIA). Ph: +91-11-42208000, 42208111, 42208222, Mobile: +91-9810521400 Fax: +91-11-42208444 Email: customerservice@lifetechindia.com Website: www.lifetechindia.com