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Lipocalin-2, human recombinant protein

Neutrophil gelatinase-associated lipocalin, NGAL, p25, 25 kDa alpha-2-microglobulin-related subunit

Catalog # PBV10492r

Specification

Lipocalin-2, human recombinant protein - Product info

Primary Accession	P80188
Calculated MW	20 kDa KDa

Lipocalin-2, human recombinant protein - Additional Info

Gene ID	3934
Gene Symbol	LCN2

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

Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥95%
Assay2&Purity2	HPLC; ≥95%
Recombinant	Yes

Application Notes
Reconstitute in H_2O to a concentration 0.1-1 mg/ml. The solution can then be further diluted to other aqueous solutions.

Format
Lyophilized protein

Storage
-20°C; Sterile filtered and lyophilized with no additives

Lipocalin-2, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Lipocalin-2, human recombinant protein - Images

Lipocalin-2, human recombinant protein - Background

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Lipocalin-2 (LCN-2), a secreted glycoprotein, is an adipokine that potentially connects obesity and its related adipose inflammation. Lipocalin-2 has also been implicated in a variety of processes including cell differentiation, tumorigenesis, and apoptosis. The recombinant human Lipocalin-2 consisting of 178 amino acids (a.a. 21-198, Accession# NP_00555) was expressed from E. coli and purified using proprietary technology.

Lipocalin-2, human recombinant protein - References

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Cowland J.B.,et al.Genomics 45:17-23(1997).
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Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Humphray S.J.,et al.Nature 429:369-374(2004).