

Human CellExp Lipocalin-2 / LCN2, mouse recombinant protein
NGAL, LCN2, Lipocalin-2, 24p3, MSFI, Siderocalin; Oncogene 24p3; Neutrophil
Gelatinase-associated Li
Catalog # PBV11177r

Specification

Human CellExp Lipocalin-2 / LCN2, mouse recombinant protein - Product info

Primary Accession
Calculated MW

[P11672](#)

~25.0 kDa (monomer). Mouse lipocalin-2 (aa 1-200) is fused at the C-terminus to a FLAG®-tag. KDa

Human CellExp Lipocalin-2 / LCN2, mouse recombinant protein - Additional Info

Gene ID **16819**

Gene Symbol **LCN2**

Other Names

NGAL, LCN2, Lipocalin-2, 24p3, MSFI, Siderocalin; Oncogene 24p3; Neutrophil Gelatinase-associated Lipocalin; NGAL.

Gene Source

Mouse

Source

HEK293 cells

Assay&Purity

SDS-PAGE; ≥90%

Assay2&Purity2

N/A;

Recombinant

Yes

Target/Specificity

Lipocalin-2

Format

Liquid

Storage

-20°C; 0.2 µm-filtered solution in PBS

Human CellExp Lipocalin-2 / LCN2, mouse 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 Cytometry](#)
- [Cell Culture](#)

Human CellExp Lipocalin-2 / LCN2, mouse recombinant protein - Images

Human CellExp Lipocalin-2 / LCN2, mouse recombinant protein - Background

Lipocalin-2 (LCN2), also known as oncogene 24p3 or neutrophil gelatinase-associated lipocalin (NGAL), MSFI, The binding of lipocalin-2 to bacterial siderophores is important in the innate immune response to bacterial infection. Upon encountering invading bacteria the toll-like receptors on immune cells stimulate the synthesis and secretion of lipocalin-2. Secreted lipocalin-2 then limits bacterial growth by sequestering iron-containing siderophores. Lipocalin-2 also functions as a growth factor. LCN2 is strongly upregulated during inflammation and is upregulated by interleukin 1 (but not TNF alpha) in humans. There are indications that some forms of acne could be caused due to the gene not being transcribed, and that Isotretinoin corrects this. NFAT3 (NFATc4) NFAT by blocking the expression of LCN2 inhibits breast carcinoma cell motility. Recent studies have revealed that NGAL plays an important role in the physiopathology of chronic myeloid leukaemia (CML) mediated by BCR-ABL.

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