

Recombinant Mouse Lipocalin-2/NGAL/LCN2 Protein

Catalog No.: RP01064

Sequence Information

Species **Gene ID**
Mouse 16819

Swiss Prot **Tags**
P11672 C-His

Synonyms

NGAL, LCN2, Lipocalin-2, 24p3, MSFI, LCN2

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
determined by
SDS-PAGE.

Calculated MW **Observed MW**
21.71 kDa 26-27 kDa

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Basic Information

Description

Recombinant Mouse Lipocalin-2/NGAL Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln21-Asn200) of mouse Lipocalin-2/NGAL (Accession #NP_032517.1) fused with an 8×His tag at the C-terminus.

Activity

The binding of Fe(DHBA)3 results in the quenching of Trp fluorescence in recombinant mouse Lipocalin-2. Recombinant mouse Lipocalin-2 can bind >1.65 μM of Fe(DHBA)3.

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

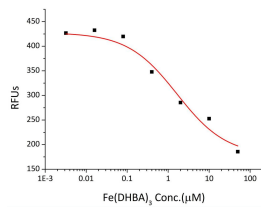
Contact

☎ | 400-999-6126

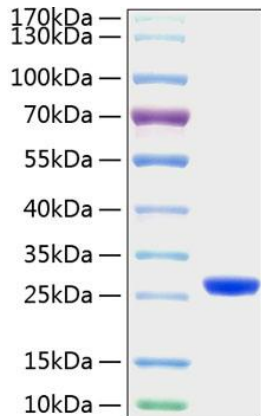
✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



The binding of Fe(DHBA)₃ results in the quenching of Trp fluorescence in recombinant mouse Lipocalin-2. Recombinant mouse Lipocalin-2 can bind >1.65 μM of Fe(DHBA)₃.



Recombinant Mouse Lipocalin-2/NGAL/LCN2 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.