

Recombinant Human Neurotensin Protein (Fc Tag)

Catalog Number:PKSH030549



Note: Centrifuge before opening to ensure complete recovery of vial contents.

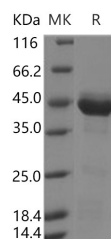
Description

| | |
|------------------------------------|-------------------------|
| Synonyms | NMN-125;NN;NT;NT/N;NTS1 |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Met 1-Leu148 |
| Accession | NP_006174.1 |
| Calculated Molecular Weight | 41.0 kDa |
| Tag | C-hFc |

Properties

| | |
|-----------------------|---|
| Purity | > 85 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 85 % as determined by reducing SDS-PAGE.

Background

DPEP2 (MBD-2) belongs to the membrane-bound dipeptidase family. There are three members of this family as membrane-bound dipeptidase-1 (MBD-1), membrane-bound dipeptidase-2 (MBD-2) and membrane-bound dipeptidase-3 (MBD-3). MBD-2 is expressed at highest levels in lung, heart, and testis and at some what lower levels in spleen. MBD-2 is membrane-bound through a glycosylphosphatidyl-inositol linkage and probably is a metalloprotease which hydrolyzes leukotriene D4 (LTD4) into leukotriene E4 (LTE4). It is generally recognized that rapid cleavage of LTD4 is important in inactivating the broncho- and vaso-constrictive effects of cysteinyl LTs in asthmatic and inflammatory processes.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017