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Recombinant Human NT protein (His tag)

Catalog Number:PDEH100145



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

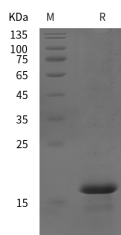
Description

Synonyms	NMN-125;NN;NT;NT/N;NTS1
Species	Human
Expression Host	E.coli
Sequence	Ser 24-Leu 148
Accession	P30990
Calculated Molecular Weight	13.6 kDa
Observed molecular weight	17 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
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



> 95 % 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.

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