

Product datasheet

Recombinant Human ARMET protein ab124557

1 Image

Overview

Product name	Recombinant Human ARMET protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Accession	P55145
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMLRPGDCEVCISYLGRFYQDLKDRDV TFSPATIENELIKFCREARGKENRLCYIGATDDAATKIINEVSKPLAHH IPVEKICEKLNKKKDSQICELKYDKQIDLSTVDLKKLRVKELKKILDDWGE TCKGCAEKSDYRKINELMPKYAPKAASARTDL
Molecular weight	21 kDa including tags
Amino acids	25 to 182
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab124557** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Purity	> 90 % SDS-PAGE. Purified using conventional chromatography techniques.
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol, 0.58% Sodium chloride

General Info

Function

Selectively promotes the survival of dopaminergic neurons of the ventral mid-brain. Modulates GABAergic transmission to the dopaminergic neurons of the substantia nigra. Enhances spontaneous, as well as evoked, GABAergic inhibitory postsynaptic currents in dopaminergic neurons (By similarity). Inhibits cell proliferation and endoplasmic reticulum (ER) stress-induced cell death.

Sequence similarities

Belongs to the ARMET family.

Domain

The N-terminal region may be responsible for neurotrophic activity while the C-terminal region may play a role in the ER stress response.

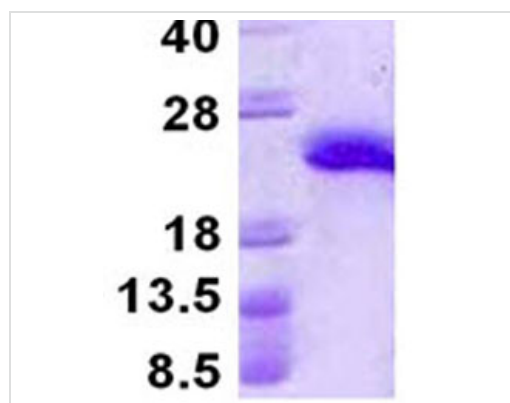
Post-translational modifications

May contain sialic acid residues.

Cellular localization

Secreted.

Images



15% SDS-PAGE analysis of 3 µg of ARMET protein (ab124557).

SDS-PAGE - ARMET protein (His tag) (ab124557)

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