

Recombinant human ARMET/ARP protein ab123227

1 References

Description	
Product name	Recombinant human ARMET/ARP protein
Biological activity	Determined by its ability to stimulate the proliferation of rat C6 cells. The expected ED ₅₀ for this effect is 15-25 µg/ml.
Purity	> 98 % SDS-PAGE. Purity is greater than 98% by SDS-PAGE gel and HPLC analyses.
Expression system	Escherichia coli
Accession	<u>P55145</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	LRPGDCEVCI SYLGRFYQDL KDRDVTFS PA TIENELIKFC REARGKENRL CYYIGATDDA ATKIINEVSK PLAHHIPVEK ICEKLKKKDS QICELKYDKQ IDLSTVDLKK LRVKELKKIL DDWGETCKGC AEKSDYIRKI NELMPKYAPK AASARTDL
Predicted molecular weight	18 kDa
Amino acids	25 to 182

Specifications	
Our <u>Abpromise guarantee</u> covers the use of ab123227 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Functional Studies SDS-PAGE HPLC
Form	Lyophilized
Additional notes	This product was previously labelled as ARMET

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -80°C. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	For lot specific reconstitution information please contact our Scientific Support Team.

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.

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