

Product datasheet for **AM33442PU-N**

ARMET (MANF) Mouse Monoclonal Antibody [Clone ID: 1G12]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1G12
Applications:	ELISA, WB
Recommended Dilution:	ELISA: 1/32000. Western Blot: 1/2000-1/4000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant Human MANF produced using CHO-based. Antigen is purified from cell culture supernatant.
Specificity:	Recognizes Human MANF. Other species not tested.
Formulation:	PBS pH 7.4 State: Aff - Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20°C to -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	mesencephalic astrocyte derived neurotrophic factor
Database Link:	Entrez Gene 7873 Human P55145



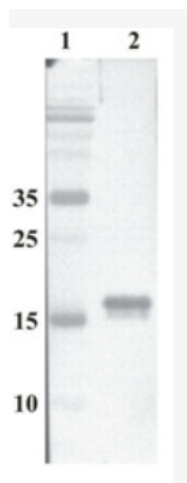
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Background:

MANF is a trophic factor for midbrain dopamine neurons *in vivo*. It prevents the 6-OHDA-induced degeneration of dopamine neurons in rodent models of Parkinson's disease (Lindholm et al., 2008, Voutilainen et al., 2009). When administered after 6-OHDA-lesioning it restores the dopaminergic function and prevents degeneration of dopamine neurons in substantia nigra pars compacta.

Synonyms:

Arginine-rich protein, MANF

Product images:

WesternBlot testing of anti-MANF monoclonal antibody. Lane 1. Page Ruler prestained protein ladder, Fermentas; Lane 2. Purified recombinant MANF (500 ng per line) expressed using CHOEBNALT85 cell line.