



MANF blocking peptide (CDBP5720)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is localized in the endoplasmic reticulum (ER) and golgi, and is also secreted. Reducing expression of this gene increases susceptibility to ER stress-induced death and results in cell proliferation. Activity of this protein is important in promoting the survival of dopaminergic neurons. The presence of polymorphisms in the N-terminal arginine-rich region, including a specific mutation that changes an ATG start codon to AGG, have been reported in a variety of solid tumors; however, these polymorphisms were later shown to exist in normal tissues and are thus no longer thought to be tumor-related. [provided by RefSeq, Apr 2014]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	MANF mesencephalic astrocyte-derived neurotrophic factor [Homo sapiens (human)]
Official Symbol	MANF
Synonyms	MANF; mesencephalic astrocyte-derived neurotrophic factor; ARP; ARMET; arginine-rich, mutated in early stage tumors

Entrez Gene ID	7873
mRNA Refseq	NM_006010
Protein Refseq	NP_006001
UniProt ID	P55145
Function	growth factor activity; poly(A) RNA binding