

Product datasheet for **TP307925M**

NSMAF (NM_003580) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human neutral sphingomyelinase (N-SMase) activation associated factor (NSMAF), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207925 protein sequence Red =Cloning site Green =Tags(s)

MAFIRKKQQEQQLQLYSKERFSLLLLNL EEYFFEQHRANHILHKGSHHERKIRGSLKICSKSVIFEPDSI
SQPIIKIPLRDCIKIGKHGENGANRHFTKAKSGGISLIFSQVYFIKEHNVVAPYKIERGKMEYVFELDVP
GKVEDWETLLQLHRASCLDKLGDQTAMITAILQSRLARTSFDKNRFQNISEKLHMECKAEMVTPLVNTP
GHVCITDTNLYFQPLNGYPKPVVQITLQDVRRIYKRRHGLMPLGLEVFCTEDDLCSDIYLFKFEYQDRDD
LYFYIATYLEHHVAEHTAESYMLQWQRGHL SNYQYLLHLNNLADRSCNDLSQYPVFPWIIHDYSSSELDL
SNPGTFRDL SKPVGALNKERLERLLTRYQEMPEPKFMYGSHYSSPGYVLFYLVRIAPEYMLCLQNGRFDN
ADRMFNSIAETWKNCLDGATDFKELIPEFYGDDVSFLVNSLKL DLGKRQGGQMVDDELPPWASSPEDFL
QKSKDALESNYVSEHLHEWIDLIFGYKQKGS DAVGAHNVFHPLTYEGVDLNSIQDPDEKVAMLTQILEF
GQTPKQLFVTPHPRRITPKFKLSQTSSYNAS MADSPGEESFEDLTEESKTLAWNNITKLQLHEHYKIHK
EAVTGITVSRNGSSVFTTSQDSTLKMFSKESKMLQRSISF SNMALSSCLLLPGDATVITSSWDNNVYFYS
IAFGRRQDTLMGHDDAVSKICWHDNR LYSASWDSTVKVWVGVAEMP GTKRHHFDLLAELEHDVSDVTIS
LNAASTLLVSGTKEGTVNIWDLTTATLMHQIPCHSGIVCDTAFSPDSRHVLSTGTDGCLNVIDVQTGMLI
SSMTSDEPQRCFVWDGNSVLSGSGS QSGELLVWDL LGAKISERIQGHTGAVTCIWMNEQCSSIITGGEDRQI
IFWKLQY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

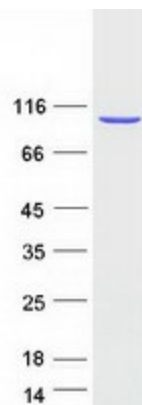
Tag:	C-Myc/DDK
Predicted MW:	104.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003571
Locus ID:	8439
UniProt ID:	Q92636
RefSeq Size:	3582
Cytogenetics:	8q12.1
RefSeq ORF:	2751
Synonyms:	FAN; GRAMD5
Summary:	This gene encodes a WD-repeat protein that binds the cytoplasmic sphingomyelinase activation domain of the 55kD tumor necrosis factor receptor. This protein is required for TNF-mediated activation of neutral sphingomyelinase and may play a role in regulating TNF-induced cellular responses such as inflammation. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Jan 2009]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified NSMAF protein (Cat# [TP307925]). The protein was produced from HEK293T cells transfected with NSMAF cDNA clone (Cat# [RC207925]) using MegaTran 2.0 (Cat# [TT210002]).