

## Product datasheet for TP307925

### 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, 20 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  
GHVCITDTNLYFQPLNGYPKPVVQITLQDVRRIYKRRHGLMPLGLEVFCTEDDLCSDIYLFKPYEQDRDD  
LYFYIATYLEHHVAEHTAESYMLQWQRGHL SNYQYLLHLNNLADRSCNDLSQYPVFPWIIHDYSSSELDL  
SNPGTFRDL SKPVGALNKERLERLLTRYQEMPEPKFMYGSHYSSPGYVLFYLVRIAPEYMLCLQNGRFDN  
ADRMFNSIAETWKNCLDGATDFKELIPEFYGDDVSFLVNSLKL DLGKRQGGQMVDDELPPWASSPEDFL  
QKSKDALESNYVSEHLHEWIDLIFGYKQKGS DAVGAHNVFHPLTYEGGVDLNSIQDPDEKVAMLTQILEF  
GQTPKQLFVTPHPRRITPKFKLSQTSSYNAS MADSPGEESFEDLTEESKTLAWNNITKLQLHEHYKIHK  
EAVTGITVSRNGSSVFTTSQDSTLKMFSKESKMLQRSISF SNMALSSCLLLPGDATVITSSWDN NVFYFYS  
IAFGRRQDTLMGHDDAVSKICWHDNR LYSASWDSTVKVWVGVAEMP GTKRHHFDLLAELEHDVSVDTIS  
LNAASTLLVSGTKEGTVNIWDLTTATLMHQIPCHSGIVCDTAFSPDSRHLVSTGTDGCLNVIDVQTGMLI  
SSMTSDEPQRCFVWDGNSVLSGSQSGELLVWDL LGAKISERIQGHTGAVTCIWMNEQCSSIITGGEDRQI  
IFWKLQY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

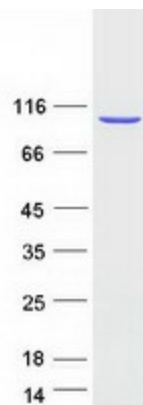
Tag:	C-Myc/DDK
Predicted MW:	104.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003571</a>
<b>Locus ID:</b>	8439
<b>UniProt ID:</b>	<a href="#">Q92636</a>
<b>RefSeq Size:</b>	3582
<b>Cytogenetics:</b>	8q12.1
<b>RefSeq ORF:</b>	2751
<b>Synonyms:</b>	FAN; GRAMD5
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).