

Product datasheet for PH303542

FAM55C (NXPE3) (NM_145037) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	FAM55C MS Standard C13 and N15-labeled recombinant protein (NP_659474)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203542
Predicted MW:	63.8 kDa
Protein Sequence:	>RC203542 protein sequence Red =Cloning site Green =Tags(s)

MWTNFFKLRLFCCLLAVLMVVVLVINVTQVEYLDHETVSATFIDSSGQFVSSQVTGISRNPYCGYDQQTLSQERMEEDSLLAALHRQVPDVGVPFVKSTDPSSSYFVILNSAAFFKVGSQLVHVQDFQRKPKKYGGDYLAQARIHSLKLQAGAVGRVVDYQNGFYKVFFTLLWPGKVKVSLSLHPSEGIRVLQRLQEDKPDVYFKSLFRSGRISETTECNVCLPGNLPLCNFTDLYTGEPWFCFKPKKLPCSSRITHFKGGYLGKLLTAAESAFQSGVNIKMPVNSSGPDWVTVIPRIKETNSLELSQSGTFFPSGYYYKDQWRPRKFMRQFNDPDNITECLQRKVVHLFGDSTIRQWFEYLTTFVPDLVEFNLGSPKNVGPFLAVDQKHNILLKYRCHGPPIRFTTVFSNELHYVANELNGIVGGKNTVVAIAVWSHFSTFPLEVYIRRLRNIRRAVRLDRSPKTVVIRTANAQELGPEVSLFNSDWYNFQLDTILRRMFSGVGVYLVDAWEMTLAHLPHKLHPDEVIVKNQLDMFLSFVCPLET

TRTRRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_659474</u>
RefSeq Size:	8610
RefSeq ORF:	1677


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Synonyms: FAM55C; MST115; MSTP115

Locus ID: 91775

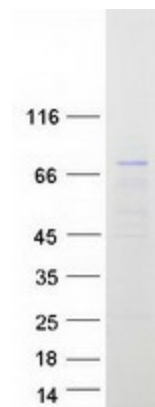
UniProt ID: [Q969Y0](#)

Cytogenetics: 3q12.3

Summary: This gene encodes a member of the neurexophilin family of neuropeptide-like glycoproteins. The encoded protein contains a variable N-terminal domain, a highly conserved neurexophilin and PC-esterase (NXPE) central domain, a short linker region, and a cysteine-rich C-terminal domain. This protein binds alpha neurexins, a group of presynaptic transmembrane receptors that promote adhesion between dendrites and axons. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2017]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified NXPE3 protein (Cat# [TP303542]). The protein was produced from HEK293T cells transfected with NXPE3 cDNA clone (Cat# [RC203542]) using MegaTran 2.0 (Cat# [TT210002]).