

Recombinant Human NXPE3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NXPE3-4434H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM55C MS Standard C13 and N15-labeled recombinant protein (NP_659474) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	63.8 kDa
AA Sequence	MWTNFFKLRLFCCLLAVLMVVVLVINVTQVEYLDHETVSATFIDSSGQFVSSQVTGIS RNPYCGYDQQTLLSSQERMEEDSLLAALHRQVPDVGVPVFKSTDPSSSYFVILNSA AFFKVGSQLEVLVHVQDFQRKPKKYGGDYLRARIHSLKLQAGAVGRVVDYQNGFYK VFFTLWLPGKVKVSVSLVHPSEGIRVLQRLQEDKPDRVYFKSLFRSGRISETTECNV CLPGNLPLCNFTDLYTGEPWFCFKPKKLPCSSRITHFKGGYLGKLLTAAESAFFQSG VNIKMPVNSSGPDWVTVIPRRIKETNSLELSQSGSTFPSGYYKQDQWRPRKFKMRQ FNDPDNITECLQRKVVHLFGDSTIRQWFEYLTTFVPDLVEFNLGSPKNVGPFLAVDQ

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KHNILLKYRCHGPPPIRFTTVFSNELHYVANELNGIVGGKNTVVAIAVWSHFSTFPLEV
YIRRLRNIRRAVVRLDRSPKTVVIRTANAQELGPEVSLFNSDWYNFQLDTILRRMF
SGVGVYLVDAWEMTLAHLPHKLHPDEVIVKNQLDMFLSFVCPLETTTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name NXPE3 neurexophilin and PC-esterase domain family member 3 [Homo sapiens (human)]

Official Symbol NXPE3

Synonyms NXPE3; neurexophilin and PC-esterase domain family member 3; FAM55C; MST115; MSTP115; NXPE family member 3; family with sequence similarity 55, member C

Gene ID 91775

mRNA Refseq NM_145037

Protein Refseq NP_659474

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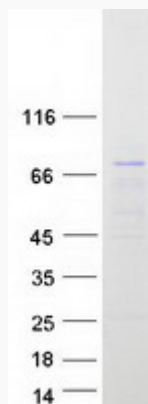
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UniProt ID

Q969Y0

SDS-PAGE

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