

Product datasheet for **TP313843M**

Nesprin 2 (SYNE2) (NM_182910) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human spectrin repeat containing, nuclear envelope 2 (SYNE2), transcript variant 2, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC213843 representing NM_182910
Red=Cloning site **Green**=Tags(s)

MEGDRNVPPVPPASSTPYKPPYGKLLLPPGTDGGKEGPRVLNGNPQQEDGGLAGITEQQSGAFDRWEMIQ
AQELHNKLIKQNLQQLNSDISAITTWLKKTEAELEMLKMAKPPSDIQEIELRVKRLQEILKAFDITYKAL
WSVNVSSKEFLQTESPESTELQSRLRQLSLLWEAAQGAVDSWRGGLRQSLMQCQGSKTRPRSDVLFKDK
FHQLSQNLLLWLASAKNRRQKAHVTDPKADPRALLECRRELMQLEKELVERQPQVDMLQEISNLLIKGH
GEDCIEAEEKVHVIEKKLQQLREQVSQDLMALQGTQNPASPLPSFDEVDSGDQPPATSVAPRAKFRVAVR
TTEGEEETESRVPGSTRPQRSFSLRVVRAALPLQLLLLLLLLLLACLLPSSEEDYSCTQANNFARSFYPMML
RYTNGPPPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 48 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

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.



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RefSeq: [NP_878914](#)

Locus ID: 23224

UniProt ID: [Q8WXH0](#)

RefSeq Size: 3103

Cytogenetics: 14q23.2

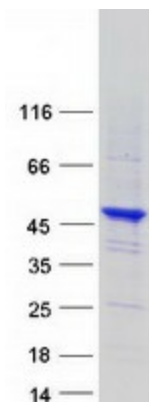
RefSeq ORF: 1287

Synonyms: EDMD5; KASH2; Nesp2; Nesprin-2; NUA; NUANCE; SYNE-2; TROPH

Summary: The protein encoded by this gene is a nuclear outer membrane protein that binds cytoplasmic F-actin. This binding tethers the nucleus to the cytoskeleton and aids in the maintenance of the structural integrity of the nucleus. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified SYNE2 protein (Cat# [TP313843]). The protein was produced from HEK293T cells transfected with SYNE2 cDNA clone (Cat# [RC213843]) using MegaTran 2.0 (Cat# [TT210002]).