

Merlin (NF2) Recombinant Protein | NF2 recombinant protein

Recombinant Human Merlin (NF2)

CATALOG # AAA113555	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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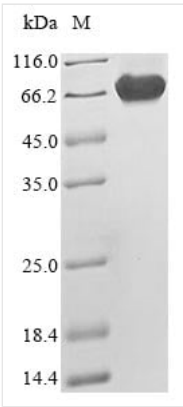
PRODUCT SYNONYMS

Merlin (NF2); Recombinant Human Merlin (NF2); NF2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-595aaaa; Full-Length
Sequence	MAGAIASRMS FSSLKRKQPK TFTVRIVTMD AEMEFNCEMK WKGKDLFDLV CRTLGLRETW FFGLQYTIKD TVAWLKMDKK VLDHDSKEE PVTFHFLAKF YPENAEELV QEITQHLFFL QVKKQILDEK IYCPPEASVL LASYAVQAKY GDYDPSVHKR GFLAQEELLP KRVINLYQMT PEMWEERITA WYAEHRGRAR DEAE MEYLKI AQDLEMYGVN YFAIRNKKGT ELLLGVDALG LHIYDPENRL TPKISFPWNE IRNISYSDKE FTIKPLDKKI DVFKFNSSKL RVNKLILQLC IGNHDLFMRR RKADSLEVQQ MKAQAREEKA RKQMERQRLA REKQMREEAE RTRDELERRL LQMKEEATMA NEALMRSEET ADLLAEKAQI TEEEAKLLAQ KAAEAQEMQ RIKATAIRTE EEKRLMEQKV LEAEVLALKM AEESERRAKE ADQLKQDLQE AREAERRAKQ KLEIATKPT YPPMNPAP LPPDIPSFNL IGDLSLDFDK DTDMLKLSME IEKEKVEYME KSKHLQEQLN ELKTEIEALK LKERETALDI LHNENSDRGG SSKHNTIKKL TLQSAKSRVA FFEEL
Species	Homo sapiens (Human)
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for NF2 recombinant protein	Probable regulator of the Hippo SWH (Sav Wts Hpo) signaling pathway, a signaling pathway that plays a pivotal role in tumor suppression by restricting proliferation and promoting apoptosis. Along with WWC1 can synergistically induce the phosphorylation of LATS1 and LATS2 and can probably function in the regulation of the Hippo SWH (Sav Wts Hpo) signaling pathway. May act as a membrane stabilizing protein. May inhibit PI3 kinase by binding to AGAP2 and impairing its stimulating activity. Suppresses cell proliferation and tumorigenesis by inhibiting the CUL4A-RBX1-DDB1-VprBP DCAF1 E3 ubiquitin-protein ligase complex.
Product Categories/Family for NF2 recombinant protein	Cancer
References	"Alteration in a new gene encoding a putative membrane-organizing protein causes neuro-fibromatosis type 2." Rouleau G.A., Merel P., Lutchman M., Sanson M., Zucman J., Marineau C., Hoang-Xuan K., Demczuk S., Desmaze C., Plougastel B., Pulst S., Lenoir G., Bijlsma E., Fashold R., Dumanski J.P., de Jong P., Parry D., Eldrige R. Thomas G. Nature 363:515-521(1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557795
NCBI GeneID	4771
NCBI Accession #	NP_000259.1
NCBI GenBank Nucleotide #	NM_000268.3
UniProt Accession #	P35240; O95683; Q8WUJ2; Q969N0; Q969Q3; Q96T30; Q96T31; Q96T32; Q96T33; Q9BTW3; Q9UNG9; Q9UNH3
Molecular Weight	73.7 kDa
NCBI Official Full Name	merlin isoform 1
NCBI Official Synonym Full Names	neurofibromin 2
NCBI Official Symbol	NF2
NCBI Official Synonym Symbols	ACN; SCH; BANF
NCBI Protein Information	merlin

UniProt Protein Name	Merlin
UniProt Gene Name	NF2
UniProt Synonym Gene Names	SCH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/nf2-recombinant-protein-e-coli/113555>