

Recombinant Human Merlin/NF2 protein (His Tag)

Catalog Number:PDEH100036



Note: Centrifuge before opening to ensure complete recovery of vial contents.

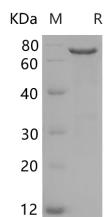
Description

Synonyms	CAN;BANF;Bilateral acoustic neuroma;MERL_HUMAN;Merlin;Moesin ezrin radixin like protein;Moesin ezrin radixin like;Moesin-ezrin-radixin-like;Neurofibromatosis 2;Neurofibromatosis type 2;Neurofibromatosis2;NF 2;SCH;Schwannomerlin
Species	Human
Expression Host	E.coli
Sequence	Met1-Leu595
Accession	P35240-1
Calculated Molecular Weight	69.7 kDa
Observed molecular weight	68-71 kDa
Tag	N-His

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4., 5% trehalose, 5% mannitol, 0.01% tween-80. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the print
Reconstitution	Please refer to the printed manual for detailed information.

Data



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Background

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-

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RBX1-DDB1-VprBP/DCAF1 E3 ubiquitin-protein ligase complex.

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