

Recombinant Human NF2 Protein, His-tagged

Cat. No. NF2-747H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human NF2, transcript variant 13, fused with His tag at N-terminal was expressed in E. coli.

Species Human

Source E.coli

Description This gene encodes a protein that is similar to some members of the ERM (ezrin, radixin, moesin) family of proteins that are thought to link cytoskeletal components with proteins in the cell membrane. This gene product has been shown to interact with cell-surface proteins, proteins involved in cytoskeletal dynamics and proteins involved in regulating ion transport. This gene is expressed at high levels during embryonic development; in adults, significant expression is found in Schwann cells, meningeal cells, lens and nerve. Mutations in this gene are associated with neurofibromatosis type II which is characterized by nervous system and skin tumors and ocular abnormalities. Two predominant isoforms and a number of minor isoforms are produced by alternatively spliced transcripts.

Form 50mM Tris, 8M Urea, pH8.0.

Molecular Mass 58.9 kDa

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

Concentration >50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name NF2 neurofibromin 2 (merlin) [Homo sapiens]

Official Symbol NF2

Synonyms NF2; neurofibromin 2 (merlin); neurofibromin 2 (bilateral acoustic neuroma); merlin; moesin ezrin radixin like; schwannomin; schwannomerlin; neurofibromin-2; moesin-ezrin-radixin like; moesin-ezrin-radixin-like protein; moesin-ezrin-radixin-like protein; ACN; SCH; BANF;

Gene ID 4771

mRNA Refseq NM_000268

Protein Refseq NP_000259

MIM 607379

UniProt ID P35240

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