

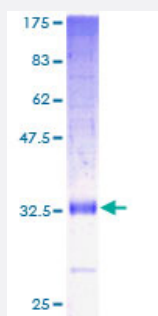
Full-Length

NF2 (Human) Recombinant Protein (P01)

Catalog # H00004771-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NF2 full-length ORF (AAH07279, 1 a.a. - 82 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVVSLRALLLALRQKPHSTGTIHEVTAQLMMSVRLSFWPVAVCSCVAQMASFILIKAPPQPQQSP QPVLSTLLFMYLPGPAR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.76
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — NF2

Entrez GeneID [4771](#)

GeneBank Accession# [BC007279](#)

Gene Name NF2

Gene Alias ACN, BANF, SCH

Gene Description neurofibromin 2 (merlin)

Omim ID [101000](#) [162091](#) [607174](#) [607379](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations merlin|moesin-ezrin-radixin like|moesin-ezrin-radixin-like protein|neurofibromin 2|neurofibromin 2 (bilateral acoustic neuroma)|schwannomerlin|schwannomin

Disease

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