

Recombinant Human NF2 protein, GST-tagged

Cat. No. NF2-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NF2(1 a.a. - 82 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-82 a.a.
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	34.76 kDa
AA Sequence	MVSLRALLLALRQKPHSTGTIHEVTAQLMMSVRLSFWPVAVCSCVAQMASFILIKA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	PPQPQQSPQPVLSTLLFMYLPGPAR
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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
Chromosome Location	22q12.2

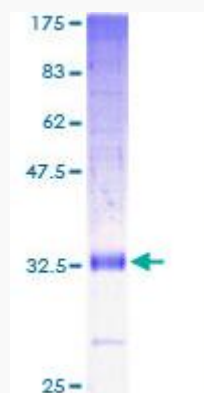
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Pathway ErbB2/ErbB3 signaling events, organism-specific biosystem;

Function cytoskeletal protein binding; protein binding;



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