

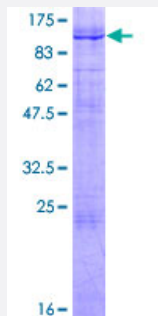
Full-Length

RNF103 (Human) Recombinant Protein (P02)

Catalog # H00007844-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RNF103 full-length ORF (AAH35053.1, 1 a.a. - 685 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWLKLFLLLYFLVLFVLARFFEAMWYETGIFATQLVDPVALSFKKLKTILECRGLGYSGLPEKKD
VRELVEKSGDLMGELYALKEEEASESVSSTNFSGEMHFYELVEDTKDGMVLVQVIANDRSPLV
GKIHWEKMKVSRFGIRTGTFCSSDPYCRRRGWVRSTLMSVPQTSTSKGKVMLKEYSGRKI
EVEHIFKWITAAASRIKTIYNAEHLKEEWNKSDQYWLKIYLFANLDQPPAFFPALSIFTGRVEFIFV
NVENWDNKSMTDIGNMPSYILRTPEGMYRYGNHTGEFISLQAMDSFLRSLQPEVNDLFVLSLVL
VNLMAWMDLFTQGATIKRFVVLSTLGTYNLLIISWLPVLGFLQLPYLDSFYEYSLKLLRYSNTTTLA
SWVRADWMFYSSHPALFLSTYLGHLLIDYFEKKRRRNNNNDEVNANNLEWLSSLWDWYTSYLF
HPIASFQNFVPESDWDEDPDLFLERLAFPDWLHHLIPTDYKNLPMWRFKCLGVQSEEEMSEG
SQDTENDSESENTDTLSSEKEVFEDKQSVLHNSPGTASHCDAEACSCANKYCQTSPCERKGRS
YGSYNTNEDMEPDWLTWPADMLHCTECVVCLENFENGCLLMGLPCGHVFHQNCIVMWLAGGR
HCCPVCRWPSYKKKQPYAQHQPLSNDVPS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.9

Interspecies Antigen Sequence

Mouse (95); Rat (95)

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 — RNF103

Entrez GeneID	7844
GeneBank Accession#	BC035053.2
Protein Accession#	AAH35053.1
Gene Name	RNF103
Gene Alias	KF1, MGC102815, MGC41857, ZFP103, hkf-1
Gene Description	ring finger protein 103
Omim ID	602507
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene contains a RING-H2 finger, a motif known to be involved in protein-protein and protein-DNA interactions. This gene is highly expressed in normal cerebellum, but not in the cerebral cortex. The expression of the rat counterpart in the frontal cortex and hippocampus was shown to be induced by electroconvulsive treatment (ECT) as well as chronic antidepressant treatment, suggesting that this gene may be a molecular target for ECT and antidepressants. [provided by RefSeq]

Other Designations

Zinc finger protein expressed in cerebellum|zinc finger protein 103 homolog
