

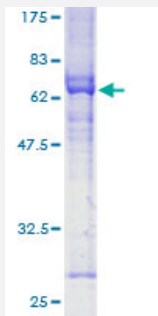
Full-Length

RNF126 (Human) Recombinant Protein (P01)

Catalog # H00055658-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human RNF126 full-length ORF (AAH01442, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAEASPHPGRYFCHCCSVENPRLPDYICPRCESGFIEELPEETRSTENGSA
PSTAPTDDQSRPPL
EHVDQHLFTLPQGYGQFAFGIFDDSFETFPFGAQADDGRDPESRRERD
HPSRHRYGARQPRA
RLTTRRATGRHEGVPTLEGIIQQLVNGIITPATIPSLGPWGVLSNPMDY
AWGANGLDAITQLLNQF
ENTGPPPADKEKIQALPTVPVTEEHVGSGLPCVCKDDYALGERVRQLPC
NHLFHDGCIPWLE
QHDSCPVCRKSLTGQNTATNPPGLTGVSFSSSSSSSSSSSPSNENATWS
PLGRPQPPRPLSNL
TL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

61.6

Interspecies Antigen Sequence

Mouse (94); Rat (90)

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 — RNF126

Entrez GeneID[55658](#)**GeneBank Accession#**[BC001442](#)**Protein Accession#**[AAH01442](#)**Gene Name**

RNF126

Gene Alias

FLJ20552, MGC1022, MGC14317

Gene Description

ring finger protein 126

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene contains a RING finger domain, a motif present in a variety of functionally distinct proteins and known to be involved in protein-protein and protein-DNA interactions. [provided by RefSeq]

Other Designations

-

Publication Reference

- [BAG6 prevents the aggregation of neurodegeneration-associated fragments of TDP43.](#)

Yasar Arfat T Kasu, Akshaya Arva, Jess Johnson, Christin Sajan, Jasmin Manzano, Andrew Hennes, Jacy Haynes, Christopher S Brower.

iScience 2022 May; 25(5):104273.

Application: WB-Ce, Human, HEK 293T cells

- [Biophysical characterisation of the recombinant human frataxin precursor.](#)

Castro IH, Ferrari A, Herrera MG, Noguera ME, Maso L, Benini M, Rufini A, Testi R, Costantini P, Santos J.

FEBS Open Bio 2018 Jan; 8(3):390.

Application: PI, Recombinant protein

- [E3 Ligase RNF126 Directly Ubiquitinates Frataxin, Promoting Its Degradation: Identification of a Potential Therapeutic Target for Friedreich Ataxia.](#)

Benini M, Fortuni S, Condò I, Alfedi G, Malisan F, Toschi N, Serio D, Massaro DS, Arcuri G, Testi R, Rufini A.

Cell Reports 2017 Feb; 18(8):2007.

Application: Func, PI, WB, Recombinant protein