

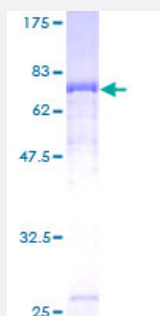
Full-Length

RSAFD1 (Human) Recombinant Protein (P01)

Catalog # H00055253-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RSAFD1 full-length ORF (AAH51888, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPSADTWDLFSPLISLWINRFYILGFAVSISLWICVQVIKTQGKNLQEKSVPKAAQDLMTNGYVS
LQEKDIFVSGVKIFYGSQTGTAKGFATVLAEAVTSLDLPVAIINLKEYDPDDHLIEEVTSKNVCVFLV
ATYTDGLPTESA EWFCWLEEASIDFRFGKTYLKGMRYAVFGLGNSAYASHFNKVGKNVDKWL
WMLGAHRVMSRGECDVVKSKHGSIEADFRAWKTKFISQLQALQKGERKKSCGGHCKKGKC
ESHQHGSEEREESHEQDELHHRDTEEEEPFESSSEEEFGGEDHQSLSNDVEDLGKIMDHV
KKEKREKEQEEKSGLFRNMGRNEDGERRAMITPALREALTKQVHAPRERRLLQTHILWN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.98

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 — TYW1

Entrez GeneID [55253](#)

GeneBank Accession# [BC051888](#)

Protein Accession# [AAH51888](#)

Gene Name TYW1

Gene Alias FLJ10900, MGC23001, MGC60291, RSAFD1, TYW1A, YPL207W

Gene Description tRNA-yW synthesizing protein 1 homolog (S. cerevisiae)

Omim ID [611243](#)

Gene Ontology [Hyperlink](#)

Gene Summary Wybutosine (yW) is a hypermodified guanosine at the 3-prime position adjacent to the anticodon of phenylalanine tRNA that stabilizes codon-anticodon interactions during decoding on the ribosome. TYW1 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]

Other Designations radical S-adenosyl methionine and flavodoxin domains 1|tRNA-yW synthesizing protein 1 homolog A

Disease

- [Tobacco Use Disorder](#)