

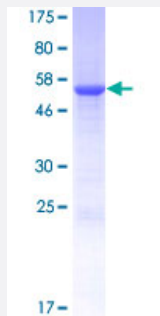
Full-Length

TYW3 (Human) Recombinant Protein (P01)

Catalog # H00127253-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TYW3 full-length ORF (AAH71765.1, 1 a.a. - 259 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MDRSAEFRKWKAQCLSKADLSRKGSVDEDVVELVQFLNMRDQFFTTSSCAGRILLDRGINGFE VQKQNCWLLVTHKLCVKDDVVALKKANGDATLKFEPVLHVQCRQLQDAQILHSMIDSGFRN SGITVGKRGKTMLVVRSTHGLEVPLSHKGKLMVTEEYIDFLLNVANQKMEENKKRIERFYNCLQHA LERETMTNLHPKIKEKNSSYHKKRNPEKTRAQCITKESDEELENDDDDDLGINVTIFPEDY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	56.2
Interspecies Antigen Sequence	Mouse (70); Rat (70)
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 — TYW3

Entrez GeneID [127253](#)**GeneBank Accession#** [BC071765.1](#)**Protein Accession#** [AAH71765.1](#)**Gene Name** TYW3**Gene Alias** C1orf171, FLJ40918**Gene Description** tRNA-yW synthesizing protein 3 homolog (S. cerevisiae)**Omim ID** [611245](#)**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. TYW3 is the human homolog of a yeast gene essential for yW synthesis (Noma and Suzuki, 2006).[supplied by OMIM]

Other Designations OTTHUMP00000011215|tRNA-yW synthesizing protein 3 homolog