

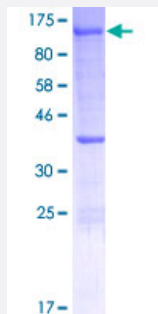
Full-Length

XPOT (Human) Recombinant Protein (P01)

Catalog # H00011260-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human XPOT full-length ORF (NP_009166.2, 1 a.a. - 962 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDEQALLGLNPNADSDFRQRALAYFEQLKISPDWQVCAEALAQRTYSDDHVKFFCFQVLEHQ
VKYKSELTTVQQQLIRETLISWLQAQMLNPQPEKTFIRNKAAQVFALLFVTEYLTWPKFFFDILSV
VDLNPRGVDLYLRILMAIDSELVDRDVVHTSEEARRNTLIKDTMREQCIPNLVESWYQILQNYQFTN
SEVTCQCLEVVGAYVSWIDLSLIANDRFINMLLGHMSIEVLREEACDCLFEVVNKGMDPVDKMKL
VESLCQVLQSAGFFSIDQEEDVDFLARFSKLVNGMGQSLVSWSKLIKNGDIKNAQEALQAIETKV
ALMLQLLIHEDDDISSNIIGFCYDYLHILKQLTVLSDQQKANVEAIMLAVMKKLTDEEYNFENEGED
EAMFVEYRKQLKLLLDRLAQVSPPELLLASVRRVFSSTLQNWQTTRFMEVEVAIRLLYMLAEALPV
SHGAHFSGDVSKASALQDMMRTLVTSGVSSYQHTSVTLEFFETTVRYEKFFTVPEQHIPCVLMAF
LDHRGLRHSSAKVRSRTAYLFSRFVKSLNKQMNPFIEDILNRIQDLLELSPPENGHQSSLSSDDQL
FIYETAGVLIVNSEYPAERKQALMRNLLTPLMEKFKILLEKLMLAQDEERQASLADCLNHAVGFAS
RTSKAFSNKQTVKQCGCSEVYLDCLQTFLPALSCPLQKDILRSGVRTFLHRMICLEEEVLFPFIPSA
SEHMLKDCEAKDLQEFIPLINQITAKFKIQVSPFLQQMFMPLLHAIFEVLLRPAEENDQSAALEKQM
LRRSYFAFLQVTGSGMSEVIANQGAENVERVLVTVIQGAVEYDPPIAQKTCFIILSKLVELWGGKD
GPVGFAFVYKHVPACFLAPLKQTFDLADAQTVLALSECAVTLKTIHLKRGPECVQYLQQEYLP
LQVAPEIIQEFCQALQQPDAKVFKNYLKVFFQRAKP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

136.4

Interspecies Antigen Sequence

Mouse (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 — XPOT

Entrez GeneID[11260](#)**GeneBank Accession#**[NM_007235.3](#)**Protein Accession#**[NP_009166.2](#)**Gene Name**

XPOT

Gene Alias

XPO3

Gene Description

exportin, tRNA (nuclear export receptor for tRNAs)

Omim ID[603180](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

This gene encodes a protein belonging to the RAN-GTPase exportin family that mediates export of tRNA from the nucleus to the cytoplasm. Translocation of tRNA to the cytoplasm occurs once exportin has bound both tRNA and GTP-bound RAN. [provided by RefSeq]

Other Designations

exportin-T|tRNA exportin

Disease

- [Tobacco Use Disorder](#)