

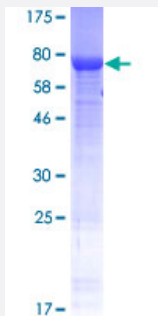
Full-Length

RP3-402G11.5 (Human) Recombinant Protein (P01)

Catalog # H00083642-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human RP3-402G11.5 full-length ORF (CAK54445.1, 1 a.a. - 509 a.a.) recombinant protein with GS T-tag at N-terminal.

Sequence

MYLGEVCTANGERWELQLKGAGPTPFSSRQADGRKVLRSSIREFLCSEAMFHLGVPTTRAGACVT
SESTVVRDVFYDGNPKYEQCTVVLRVASTFIRFGSFEIFKSADHTGRAGPSVGRNDIRVQLLDYV
ISSFYPIQAAHASDSVQRNAFFREVTRRTARMVAEWQCVGFCHGVLNTDNMSILGLTIDYGPFG
FLDRYDPDHVCNASDNTGRYAYSKQPEVCRWNLRLAEALQPELPLELGEAILAEFFDAEFQRH
YLQKMRRKLGLVQVELEEDGALVSKLLETMHLTGADFTNTFYLLSSFPVELESPGLAEFLARLME
QCASLEELRLAFRPQMDPRQLSMMLMLAQSNPQLFALMGTRAGIARELERVEQQSRLEQLSAAE
LQSRNQGHWADWLQAYRARLDKDLEGAGDAAAWQAEHVRVMHANNPKYVLRNYIAQNAIEAAE
RGDFSEVRRVLKLETPYHCEAGAATDAEATEADGADGRQRSYSSKPPLWAAELCVT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

82.39

Interspecies Antigen Sequence

Mouse (82); Rat (82)

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 — RP3-402G11.5

Entrez GeneID	83642
GeneBank Accession#	CU013014
Protein Accession#	CAK54445.1
Gene Name	RP3-402G11.5
Gene Alias	MGC131879, SELO
Gene Description	selenoprotein O
Omim ID	607917
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a selenoprotein, which contains a selenocysteine (Sec) residue at its active site. The selenocysteine is encoded by the UGA codon that normally signals translation termination. The 3' UTR of selenoprotein genes have a common stem-loop structure, the sec insertion sequence (SECIS), that is necessary for the recognition of UGA as a Sec codon rather than as a stop signal. [provided by RefSeq]
Other Designations	OTTHUMP00000028552