

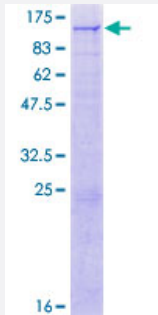
Full-Length

C1orf25 (Human) Recombinant Protein (P01)

Catalog # H00081627-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C1orf25 full-length ORF (AAH45535.1, 1 a.a. - 733 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MENMAEEEELLPLEKEEVEVAQVQVPTPARDSAGVPAPAPDSALDSAPTPASAPAPAPALAQAP
ALSPSLASAPEEAKSKRHISIQRLADLENLAFVTDGNFDSASSLNSDNLDAAGNRQACPLCPKEK
FRACNSHKLRRHLQNLHWKVSVEFEGYRMCICHLPCRVPKPNIGEQTSMGAHYHCICSATITRR
TDMLGHVRRHMNKGETKSSYIAASTAKPPKEILKEADTDVQVCPNYSIPQKTDSYFNPKMKLNRQ
LIFCTLAALAEERKPLECLDAFGATGIMGLQWAKHLGNAVKTINDLNENSVTLIQENCHLNKLVV
VDSKEKEKSDDILEEGEKNLGNIKVTKMDANVLMHLRSFDFIHLDPFGTSVNYLDSAFRNIRNLGV
SVTSTDISSLYAKAQHVARRHYGCNVRTEYYKELAAARIVAAVARAAARCNKGIEVLFAVALEHFV
LVVVRVLRGPTSADETAKKIQYLIHCQWCEERIFQKDGNMVEENPYRQLPCNCHGSMGPKTAIEL
GPLWSSSLFNTGFLKRMLFESLHHGLDDIQTLIKTLIFESECTPQSQFSIHASSNVNKQEENGVFIK
TTDDTTTDNYAQQGRKSNEMITNLGKKQKTDVSTEHPFFYNIHRHSIKGMNMPKLKKFLCYLSQA
GFRVSRTHFDPMGVRTDAPLMQFKSILLKYSTPTYTGGQSESHVQSASEDTVTERVEMSVNDKA
EASGCRRW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

108.1

Interspecies Antigen Sequence

Mouse (87); Rat (86)

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 — C1orf25

Entrez GeneID	81627
GeneBank Accession#	BC045535.1
Protein Accession#	AAH45535.1
Gene Name	C1orf25
Gene Alias	MGC25112, MGC57134, MST070, MSTP070, TRM1L, bG120K12.3
Gene Description	chromosome 1 open reading frame 25
Omim ID	611673
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that has some similarity to N2,N2-dimethylguanosine tRNA methyltransferase from other organisms. Studies of the mouse ortholog have shown that this protein plays a role in motor coordination and exploratory behavior, and it may also be involved in modulating postnatal neuronal functions. Alternatively spliced transcripts have been identified for this gene, but their full-length nature is not known. [provided by RefSeq]
Other Designations	N2,N2-dimethylguanosine tRNA methyltransferase-like[OTTHUMP00000033400]TRM1-like