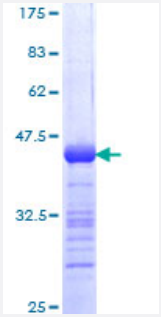
C19orf2 (Human) Recombinant Protein (Q01)

Catalog # H00008725-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human C19orf2 partial ORF (NP_003787, 371 a.a. - 475 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NSTGSGHSAQELPTIRTPADIYRAFVDVVNGEYVPRKSILKSRSRENSVCSDTSESSAAEFDDRR GVLRSISCEEATCSDTSESILEEEPQENQKKLLPLSVTPE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.29
Interspecies Antigen Sequence	Mouse (75); Rat (74)
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 — C19orf2

Entrez GeneID	8725
GeneBank Accession#	NM_003796
Protein Accession#	NP_003787
Gene Name	C19orf2
Gene Alias	FLJ10575, NNX3, RMP, URI
Gene Description	chromosome 19 open reading frame 2
Omim ID	603494
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds to RNA polymerase II subunit 5 (RPB5) and negatively m odulates transcription through its binding to RPB5. The encoded protein seems to have inhibitory effects on various types of activated transcription, but it requires the RPB5-binding region. This pr otein acts as a corepressor. It is suggested that it may require signaling processes for its function or that it negatively modulates genes in the chromatin structure. Two alternatively spliced transcrip t variants encoding different isoforms have been described for this gene. [provided by RefSeq
Other Designations	RNA polymerase II, subunit 5-mediating protein|RPB5-mediating protein|unconventional prefoldin RPB5 interactor

Disease

- Tobacco Use Disorder