

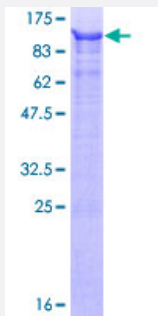
Full-Length

C19orf2 (Human) Recombinant Protein (P01)

Catalog # H00008725-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human C19orf2 full-length ORF (NP_604431.1, 1 a.a. - 495 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWRGCARSRKRRKKVDNDYNALRERLSTLPDKLSYNIMVPFGPFAFMPGKLVHTNEVTVLLGDNW
FAKCSAKQAVGLVEHRKEHVRKTIDDLKKVMKNFESRVEFTEDLQKMSDAAGDIVDIREEEKCDF
EFKAKHRIAHPKPHSKPKTSDIFEADIANDVSKDLLADKELWARLEELERQEELLGELDSKPDTVI
ANGEDTTSSEEEKEDRNTNVNAMHQVTDSTHPCHKDVASSEPFSGQVNSQLNCSVNGSSSYHS
DDDDDDDDDDDDNDDDDGDNDEALGVGDNSIPTIYFSHTVEPKRVRINTGKNTTLKFSEKKE
EAKRKRKNSTGSGHSAQELPTIRTPADIYRAFVDVVNGEYVPRKSILKSRSRENSVCSDTSESSA
AEFDDRRGVLRSISCEEATCSDTSESILEEPPQENQKKLLPLSVTPEAFSGTVIEKEFVSPSLTPP
PAIAHPALPTIPERKEVLLLEASEETGKRVSKEFKAARLQQKD

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

82

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_134447.1
Protein Accession#	NP_604431.1
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 modulates 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 protein 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 transcript 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](#)