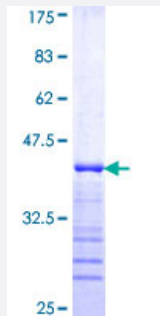


APPL (Human) Recombinant Protein (Q01)

Catalog # H00026060-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human APPL partial ORF (NP_036228, 611 a.a. - 708 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EGEKICDSVGLAKQIALHAELDRRASEKQKEIERVKEKQQKELNKQKQIEKDL EEQSRLIAASSRP NQASSEGGFVVLSSSQSEESDLGEGGKKRESE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (93)
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 — APPL1

Entrez GeneID [26060](#)

GeneBank Accession# [NM_012096](#)

Protein Accession# [NP_036228](#)

Gene Name APPL1

Gene Alias APPL, DIP13alpha

Gene Description adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1

Omim ID [604299](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. [provided by RefSeq]

Other Designations AKT2 interactor|adaptor protein containing pH domain, PTB domain and leucine zipper motif 1|signaling adaptor protein DIP13alpha

Pathway

- [Colorectal cancer](#)
- [Pathways in cancer](#)

Disease

- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Prediabetic State](#)