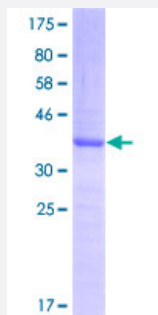


PLAG1 (Human) Recombinant Protein (Q01)

Catalog # H00005324-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PLAG1 partial ORF (NP_002646, 2 a.a. - 99 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ATVIPGDLSEVRDTQKVPSGKRKRGETKPRKNFPCQLCDKAFNSVEKLVHSYSHTGERPYKCIQ QDCTKAFVSKYKLQRHMATHSPEKTHKCNYCEK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (95); Rat (95)
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 — PLAG1

Entrez GeneID	5324
GeneBank Accession#	NM_002655
Protein Accession#	NP_002646
Gene Name	PLAG1
Gene Alias	PSA, SGPA
Gene Description	pleiomorphic adenoma gene 1
Omim ID	181030 603026
Gene Ontology	Hyperlink
Gene Summary	Pleomorphic adenoma gene 1 encodes a zinc finger protein with 2 putative nuclear localization signals. PLAG1, which is developmentally regulated, has been shown to be consistently rearranged in pleomorphic adenomas of the salivary glands. PLAG1 is activated by the reciprocal chromosomal translocations involving 8q12 in a subset of salivary gland pleomorphic adenomas. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Pleomorphic adenoma gene 1

Disease

- [Diabetes Mellitus](#)