

Full-Length

APOD (Human) Recombinant Protein (P01)

Catalog # H00000347-P01

Size 50 ug

Specification

Product Description	Human APOD full-length ORF (BAG35026.1, 1 a.a. - 189 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVMLLLLLSALAGLFGAAEGQAFHLGKCPNPPVQENFDVNKYLGRWYEIEKIPTTFENGRCIQANY SLMENGKIKVLNQELRADGTVNQIEGEATPVNLTEPAKLEVKFSWFMPSPAPYWILATDYENYALVY SCTCIQLFHVDFAWILARNPNLPPETVDSLKNILTSNNIDVKKMTVTDQVNCPKLS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	47.19
Interspecies Antigen Sequence	Mouse (72)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
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 — APOD

Entrez GeneID [347](#)

GeneBank Accession# [AK312090.1](#)

Protein Accession# [BAG35026.1](#)

Gene Name APOD

Gene Alias -

Gene Description apolipoprotein D

Omim ID [107740](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a component of high density lipoprotein that has no marked similarity to other apolipoprotein sequences. It has a high degree of homology to plasma retinol-binding protein and other members of the alpha 2 microglobulin protein superfamily of carrier proteins, also known as lipocalins. This glycoprotein is closely associated with the enzyme lecithin:cholesterol acyltransferase - an enzyme involved in lipoprotein metabolism. [provided by RefSeq]

Other Designations -

Disease

- [Alzheimer disease](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Cognition](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)