

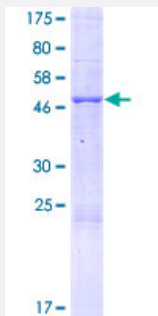
Full-Length

PEBP4 (Human) Recombinant Protein (P01)

Catalog # H00157310-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PEBP4 full-length ORF (AAH20779.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGWTMRLVTAALLLGLMMVVTGDEDENSPCAHEALLDEDTLFCQGLEVFYPELGNIGCKVVPDC
NNYRQKITSWMEPMVKFPGAVDGATYLVMDPDAPSRAEPRQRFWRHWLVTDIKGADLKEGKIQ
GQELSA YQAPSPPAHSGFHR YQFFVYLQEGKVISLLPKENKTRGSWKMDRFLNRFHLGEPEAST
QFMTQNYQDSPTLQAPRGRASEPKHKTRRR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51.8

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 — PEBP4

Entrez GeneID [157310](#)

GeneBank Accession# [BC020779.1](#)

Protein Accession# [AAH20779.1](#)

Gene Name PEBP4

Gene Alias CORK-1, CORK1, GWTM1933, MGC22776, PRO4408

Gene Description phosphatidylethanolamine-binding protein 4

Gene Ontology [Hyperlink](#)

Gene Summary The phosphatidylethanolamine (PE)-binding proteins, including PEBP4, are an evolutionarily conserved family of proteins with pivotal biologic functions, such as lipid binding and inhibition of serine proteases (Wang et al., 2004 [PubMed 15302887]).[supplied by OMIM]

Other Designations cousin-of-RKIP 1 protein

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)