

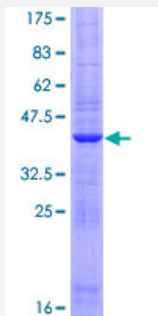
Full-Length

FARP1 (Human) Recombinant Protein (P01)

Catalog # H00010160-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FARP1 full-length ORF (NP_001001715.1, 1 a.a. - 129 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGEIEQRPTPGSRLGAPENSGISTLERGQKPPPTPSGKLVSIIQMLDDTQEAFEVPMVSSSSFLK AIGSSWTGWVLRCSMKPKHHSHLIEKFGEDRILTHLTGSISYTNWAGSRSLAVTVTEELLNLF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.6
Interspecies Antigen Sequence	Mouse (91); Rat (91)
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 — FARP1

Entrez GeneID	10160
GeneBank Accession#	NM_001001715.1
Protein Accession#	NP_001001715.1
Gene Name	FARP1
Gene Alias	CDEP, MGC87400, PLEKHC2
Gene Description	FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1 (chondrocyte-derived)
Omim ID	602654
Gene Ontology	Hyperlink
Gene Summary	This gene was originally isolated through subtractive hybridization due to its increased expression in differentiated chondrocytes versus dedifferentiated chondrocytes. The resulting protein contains a predicted ezrin-like domain, a Dbl homology domain, and a pleckstrin homology domain. It is believed to be a member of the band 4.1 superfamily whose members link the cytoskeleton to the cell membrane. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
Other Designations	FERM, RhoGEF, and pleckstrin domain protein 1 OTTHUMP00000018591 OTTHUMP00000040734 chondrocyte-derived ezrin-like protein

Disease

- [Parkinson disease](#)
- [Tobacco Use Disorder](#)