

Full-Length

APLF (Human) Recombinant Protein (P01)

Catalog # H00200558-P01

Size 50 ug

Specification

Product Description	Human APLF full-length ORF (NP_775816.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSGGFELQPRDGGPRVALAPGETVIGRGPLLGITDKRVSRRHAILEVAGGQLRIKPIHTNPCFYQS SEKSQLLPLKPNLWCYLNPGDSFSLLDKYFRILSIPSEVEMQCCLRNSQVLDEDNINETPKSPVI NLPHETTGASQLEGSTEIAKTQMTPTNSVSFLGENRDCNKQQPILAEKRILPTWMLAEHLSDQNL SVPAISGGNVIQSGSGKEEICKDKSQLNTTQQGRRQLISSGSENTSAEQDTGEECKNTDQEESTIS SKEMPQSFSAITLSNTEMNNIKTNAQRNKLPIEELGKVSCHKIATKRTPHKEDEAMSCSENCSSAQ GDSLQDESQGSSESSNPSNPETLHAKATDSVLQGSEGNKVKRTSCMYGANCYRKNPVHFQH FSPHGDSDYGGVQIVGQDETDREPCPYGPSCYRKNPQHKIEYRHNTLPVRNVLDEDNDNVGQP NEYDLNDSFLDDEEEDYEPTDESDWEPEGKEDEEKEDVEELLKEAKRFMKRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	83.4
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 — APLF

Entrez GeneID	200558
GeneBank Accession#	NM_173545.1
Protein Accession#	NP_775816.1
Gene Name	APLF
Gene Alias	APFL, C2orf13, MGC47799, PALF, Xip1
Gene Description	aprataxin and PNKP like factor
Omim ID	611035
Gene Ontology	Hyperlink
Gene Summary	C2ORF13 is a component of the cellular response to chromosomal DNA single- and double-strand breaks (Iles et al., 2007 [PubMed 17353262]).[supplied by OMIM]
Other Designations	PNK and APTX-like FHA protein aprataxin- and PNK-like factor