

Recombinant Human APLF protein, GST-tagged

Cat. No. APLF-684H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APLF full-length ORF (NP_775816.1, 1 a.a. - 511 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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, Mar 2008]
Molecular Mass	83.4 kDa
AA Sequence	MSGGFELQPRDGGPRVALAPGETVIGRGPLLGITDKRVSRRAILEVAGGQLRIKPIH TNPCFYQSSEKSQLLPLKPNLWCYLNPGDSFSLVDKYIFRILSIPSEVEMQCTLRNS QVLDEDNILNETPKSPVINLPHETTASQLEGSTEIAKTQMTPTNSVSFLGENRDCNK QQPILAEKRILPTWMLAEHLSDQNLSVPAISGGNVIQSGSGKEEICKDKSQLNTTQQ GRRQLISSGSSSENTSAEQDTGEECKNTDQEESTISSKEMPQSFSAILSNTEMNNIK TNAQRNKLPIEELGKVSCHKIATKRTPHKEDEAMSCSENCSSAQGDSLQDESQGS SESSSNPSNPETLHAKATDSVLQGSEGNKVKRTSCMYGANCYRKNPVHFQHFHSH GDSDYGGVQIVGQDETDDRPECPYGPSCYRKNPQHKIEYRHNTLPVRNVLDEDND NVGQPNEYDLNDSFLDDEEEDYEPTDESDWEPGKEDEEKEDVEELLKEAKRFMK RK
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

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Antibody Production; Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	APLF aprataxin and PNKP like factor [Homo sapiens]
Official Symbol	APLF
Synonyms	APLF; aprataxin and PNKP like factor; C2orf13, chromosome 2 open reading frame 13; aprataxin and PNK-like factor; MGC47799; XRCC1-interacting protein 1; PNK and APTX-like FHA protein; aprataxin- and PNK-like factor; apurinic-apyrimidinic endonuclease APLF; PNK and APTX-like FHA domain-containing protein; APFL; PALF; Xip1; C2orf13; FLJ16593;
Gene ID	200558
mRNA Refseq	NM_173545
Protein Refseq	NP_775816
MIM	611035
UniProt ID	Q8IW19

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