

Recombinant Full Length Human APLF Protein, GST-tagged

Cat. No. APLF-1415HF **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	In Vitro Cell Free System
Protein Length	511 amino acids
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	<p>MSGGFELQPR DGGPRVALAP GETVIGRGPL LGITDKRVSR RHAILEVAGG QLRIKPIHTN PCFYQSSEKS QLLPLKPNLW CYLNPGDSFS LLVDKYIFRI LSIPSEVEMQ CTRLNSQVLD EDNILNETPK SPVINLPHET TGASQLEGST EIAKTQMTPT NSVSFLGENR DCNKQQPILA ERKRILPTWM LAEHLSDQNL SVP AISGGNV IQGSGKEEIC KDKSQLNTTQ QGRRQLISSG SSENTSAEQD TGEECKNTDQ EESTISSKEM PQSFSAITLS NTEMNNIKTN AQRNKLP IEE LGK VSKHKIA TKRTPHKEDE AMSCSENCSS AQGDSLQDES QGSHSESSSN PSNPETLHAK ATDSVLQGSE GNKVKRTSCM YGANCYRKNP VHFQHF SHPG DSDYGGVQIV GQDETDDRPE CPYGPSCYRK NPQHKIEYRH NTLPVRNVLD EDNDNVGQPN EYDLNDSFLD DEEEDYEPTD ESDWEPGKE DEEKEDVEEL</p>

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Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

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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