

Recombinant Human APLF, GST-tagged

Cat. No. APLF-9742H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLF protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-350a.a.
Description	C2ORF13 is a component of the cellular response to chromosomal DNA single- and double-strand breaks (Iles et al., 2007 [PubMed 17353262]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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

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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

Chromosome Location 2p14

Function 3-5 exonuclease activity; DNA-(apurinic or apyrimidinic site) lyase activity; endodeoxyribonuclease activity; lyase activity; metal ion binding; nucleotide binding; protein binding;

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