

## Recombinant Human APLF protein, MYC/DDK-tagged

**Cat. No.** APLF-13H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human APLF fused with MYC/DDK tag at C-terminal was expressed in HEK293. |
| <b>Species</b>          | Human                                                                                |
| <b>Source</b>           | HEK293                                                                               |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                |
| <b>Molecular Mass</b>   | 56.8 kDa                                                                             |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                          |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                     |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                         |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | APLF aprataxin and PNKP like factor [ Homo sapiens ]                                                                                                                                                                                                                                                                    |
| <b>Official Symbol</b> | APLF                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | 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; |

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|                     |                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                     | 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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