

# Recombinant Human AEN Protein, GST-tagged

**Cat. No.** AEN-396H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                            |
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| <b>Product Overview</b> | Human AEN full-length ORF (AAH05164.1, 1 a.a. - 327 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>      | AEN (Apoptosis Enhancing Nuclease) is a Protein Coding gene. GO annotations related to this gene include nucleic acid binding and exonuclease activity. An important paralog of this gene is ISG20L2.                                                                                                                                                      |
| <b>Molecular Mass</b>   | 62.37 kDa                                                                                                                                                                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | MVPREAPESAQCLCPSLTIPNAKDVLKRHKRRSRQHQRFFMARKALLQEQGLLSMP<br>PEPGSSPLPTPFGAATATEAASSGKQCLRAGSGSAPCSRRPAPGKASGPLPSKCVA<br>IDCEMVGTGPRGRVSELARCSIVSYHGDVLYDKYIRPEMPIADYRTRWSGITRQHMR<br>KAVPFQVAQKEILKLLKGKVVVGHALHNDFFQALKYVHPRSQTRDTTYVPNFLSEPL<br>HTRARVSLKDLALQLLHKKIQVGQHGHSVEDATTAMELYRLVEVQWEQQEARS<br>LWTCPEDREPDSSTDMEQYMEDQSTQYWALKQKSEKQDSGLNSGAFV |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                          |

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| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                            |
| <b>Gene Name</b>        | AEN apoptosis enhancing nuclease [ Homo sapiens ]                                                                                                                                                                                                                          |
| <b>Official Symbol</b>  | AEN                                                                                                                                                                                                                                                                        |
| <b>Synonyms</b>         | AEN; apoptosis enhancing nuclease; interferon stimulated exonuclease gene 20kDa like 1, ISG20L1; apoptosis-enhancing nuclease; FLJ12484; FLJ12562; interferon-stimulated 20 kDa exonuclease-like 1; interferon stimulated exonuclease gene 20kDa-like 1; ISG20L1; pp12744; |
| <b>Gene ID</b>          | 64782                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_022767                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>   | NP_073604                                                                                                                                                                                                                                                                  |
| <b>MIM</b>              | 610177                                                                                                                                                                                                                                                                     |
| <b>UniProt ID</b>       | Q8WTP8                                                                                                                                                                                                                                                                     |