

# Recombinant Full Length Human FAM90A1 Protein, GST-tagged

**Cat. No.** FAM90A1-4652HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FAM90A1 full-length ORF (BAA91593.1, 1 a.a. - 465 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 465 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | FAM90A1 belongs to subfamily I of the primate-specific FAM90A gene family, which originated from multiple duplications and rearrangements (Bosch et al., 2007 [PubMed 17684299]).[supplied by OMIM, Oct 2009]                                                                                                                                                                                                                                                                                              |
| <b>Molecular Mass</b>   | 76.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MMARRDPKPGAKRLVRAQTLQKQRRAPVGPRAPPPDEEDPRLKCKNCEAFGHTA<br>RSTRCPMKCWKAALVPPNFGKEGKGNLKPWKPVQVEANPGPLNKDKGEKEERPR<br>PQDPQRKALLHIFSGKPPEKPLPNQKGSTESSDYLRVASGMPVHTTSKRPRVDPV<br>LSDRSATEMSDRGSVLASLSPLRKASLSSSSSLGPKERQTGAAADIPQTAVRHQGP<br>EPLLVKPTHSSPAGGCREVPQAASKTHGLLQAVSPQAQDKRPAVTSQPCPPAATH<br>SLGLGSNLSFGPGAKRSAPAPIQACLNFPKKPRLGPFQIPESAIQGGELGAPENLQP<br>PPAATELGPRTVSPQIGTRTPAQVLSGDRQPPHSRCLPTAQACTMSHHPAASHDG<br>AQPLRVLFRRLNGRWSSSLTAPSFHSPEKPGAFLAQSPHVSEKSEGPCVRVPPS<br>VLYEDLQVPSSSEDSDSL |

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|-----------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>   | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.                                            |
| <b>Storage</b>        | Store at -80 centigrade. 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.                                          |

## GENE INFORMATION

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | FAM90A1 family with sequence similarity 90, member A1 [ Homo sapiens ]             |
| <b>Official Symbol</b> | FAM90A1                                                                            |
| <b>Synonyms</b>        | FAM90A1; family with sequence similarity 90, member A1; protein FAM90A1; FLJ10408; |
| <b>Gene ID</b>         | 55138                                                                              |
| <b>mRNA Refseq</b>     | NM_018088                                                                          |
| <b>Protein Refseq</b>  | NP_060558                                                                          |
| <b>MIM</b>             | 613041                                                                             |
| <b>UniProt ID</b>      | Q86YD7                                                                             |

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