

# Recombinant Full Length Human FAM50B Protein, GST-tagged

**Cat. No.** FAM50B-4614HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                             |
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| <b>Product Overview</b> | Human FAM50B full-length ORF (AAH01261.1, 1 a.a. - 325 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>    | 325 amino acids                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | This gene contains an intronless ORF that arose from ancestral retroposition. The encoded protein is related to a plant protein that plays a role in the circadian clock. This gene is adjacent to a differentially methylated region (DMR) and is imprinted and paternally expressed in many tissues. [provided by RefSeq, Nov 2015]                       |
| <b>Molecular Mass</b>   | 62.15 kDa                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MAQYKGTMR EAGRAMHLLKKRERQREQMEVLKQRIAEETILKSQVDKRFS AHYDAV<br>EAELKSSTVGLVTLNDMKARQEALVRERERQLAKRQHLEEQRLQQERQREQEQRR<br>ERKRKISCLSFALDDDDQADAAEARRAGNLGKNPDVDT SFLPDRDREEEENRLRE<br>ELRQEWEAQREKVKDEEMEVTF SYWDGSGHRRTVRVRKGNTVQQFLKKALQGLR<br>KDFLELRSAGVEQLMFIKEDLILPHYHTFYDFIARARGKSGPLFSFDVHDDVRLLSDA<br>TMEKDESHAGKVVLRSWYEKNKHIFPASRWEAYDPEKKWDKYTIR |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)                                                                                                                                                                                                                                                                                   |

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|-------------------------|--------------------------------------------------------------------------------------|
|                         | 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.             |
| <b>GENE INFORMATION</b> |                                                                                      |
| <b>Gene Name</b>        | FAM50B family with sequence similarity 50, member B [ Homo sapiens ]                 |
| <b>Official Symbol</b>  | FAM50B                                                                               |
| <b>Synonyms</b>         | FAM50B; family with sequence similarity 50, member B; protein FAM50B; D6S2654E; X5L; |
| <b>Gene ID</b>          | 26240                                                                                |
| <b>mRNA Refseq</b>      | NM_012135                                                                            |
| <b>Protein Refseq</b>   | NP_036267                                                                            |
| <b>MIM</b>              | 614686                                                                               |
| <b>UniProt ID</b>       | Q9Y247                                                                               |

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