

# Recombinant Full Length Human FKBPL Protein, GST-tagged

**Cat. No.** FKBPL-4823HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Human FKBPL full-length ORF ( NP_071393.2, 1 a.a. - 349 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>    | 349 amino acids                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | The protein encoded by this gene has similarity to the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. The encoded protein is thought to have a potential role in the induced radioresistance. Also it appears to have some involvement in the control of the cell cycle. [provided by RefSeq |
| <b>Molecular Mass</b>   | 64.6 kDa                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | METPPVNTIGEKDTSQPQQEWKLNRENLDSDVIQIRQQPRDPPTETLELEVSPDPAS<br>QILEHTQGAEKLVAELEGDSHKSHGSTSQMPEALQASDLWYCPDGSFVKKIVIRGH<br>GLDKPKLGSCCRVLALGFPGSGPPEGWTELTMGVGPWREETWGELIEKCLESMC<br>QGEEAELQLPGHSGPPVRLTLASFTQGRDSWELETSEKEALAREERARGTELFRAG<br>NPEGAARCYGRALRLLLTLP PP GPPERTVLHANLAACQLLLGQPQLAAQSCDRVLE<br>REPGHLKALYRRGVAQAALGNLEKATADLKKVL AIDPKNRAAQEELGKVVIQGNQD<br>AGLAQGLRKMFG   |

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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>       | FKBPL FKBP prolyl isomerase like [ Homo sapiens (human) ]                                                                                        |
| <b>Official Symbol</b> | FKBPL                                                                                                                                            |
| <b>Synonyms</b>        | FKBPL; FK506 binding protein like; FK506-binding protein-like; DIR1; NG7; FK506-binding protein like; WAF-1/CIP1 stabilizing protein 39; WISP39; |
| <b>Gene ID</b>         | 63943                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_022110                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_071393                                                                                                                                        |
| <b>MIM</b>             | 617076                                                                                                                                           |
| <b>UniProt ID</b>      | Q9UIM3                                                                                                                                           |

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