

# Recombinant Full Length Human FKBP10 Protein, C-Flag-tagged

**Cat. No.** FKBP10-482HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human FKBP10 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | The protein encoded by this gene belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone. Alternatively spliced variants encoding different isoforms have been reported, but their biological validity has not been determined                                                                                                                                                                  |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 64.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MFPAGPPSHSLRLPLLQLLLL VVQAVGRGLGRASPAGGPLEDVVIERYHIPRACPR<br>EVQMGDFVRYHYN GTFEDGKKFDSSYDRNTLVAIVVGVRGLITGMDRGLMGMCVN<br>ERRRLIVPPHLGYGSIGLAGLIPPDATL YFDVLLDVWNKEDTVQVSTLLRPPHCPR<br>MVQDGD FVRYHYNGTLLDGT SFDTSSYKGGTYDTYVGS GWL IKGMDQGLLGMC P<br>GERRKIIIPFLAYGEKGYGT VIPPQASLVFHVLLIDVHNPKDAVQLETLELPPGCV RR<br>AGAGDFMRYHYNGSLMDGTLFDSSYSRNHTYNTYIGQGYIIPGMDQGLQGACMGE<br>RRRITIPPHLAYG ENGTGDKIPGSAVLIFNVHVIDFHN PADVVEIRTL SRPSETCNETT<br>KLGDFVRYHYNC SLLDGTQLFTSH DYGAPQEATLGANKVIEGLDTGLQGMCVGER |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RQLIVPPHLAHGESGARGVPGSAVLLFEVELVSREDGLP TGYLFVWHKDPPANLFE  
DMDLNKDGEVPPEEFSTFIKAQVSEGKGRLMPGQDPEKTIGDMFQNQDRNQDG  
KITVDELKLKSDDEDEERVHEELTRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                         |                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>          | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>      | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Protein Families</b> | Druggable Genome                                                                                                                              |
| <b>Full Length</b>      | Full L.                                                                                                                                       |

## GENE INFORMATION

|                        |                                                          |
|------------------------|----------------------------------------------------------|
| <b>Gene Name</b>       | FKBP10 FKBP prolyl isomerase 10 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | FKBP10                                                   |
| <b>Synonyms</b>        | OI6; OI11; BRKS1; FKBP65; PPIASE; hFKBP65                |
| <b>Gene ID</b>         | 60681                                                    |
| <b>mRNA Refseq</b>     | NM_021939.4                                              |

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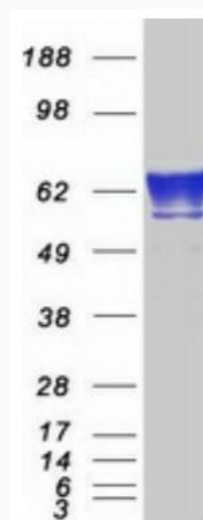
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**Protein Refseq** NP\_068758.3

**MIM** 607063

**UniProt ID** Q96AY3



Coomassie blue staining of purified FKBP10 protein.

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