

## Recombinant Full Length Human FXR2 Protein, Flag tagged

**Cat. No.** FXR2-01HF    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human FXR2 Protein (1-673 aa) with C-Flag tag was expressed in HEK293.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-673 aa                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>      | The protein encoded by this gene is a RNA binding protein containing two KH domains and one RCG box, which is similar to FMRP and FXR1. It associates with polyribosomes, predominantly with 60S large ribosomal subunits. This encoded protein may self-associate or interact with FMRP and FXR1. It may have a role in the development of fragile X cognitive disability syndrome. |
| <b>Tag</b>              | C-Flag                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 74.2 kDa                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Purity</b>           | > 80% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>            | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process                                                                                                                                                                                                                                  |
| <b>Stability</b>        | Stable for at least 1 year from receipt of products under proper storage and handling                                                                                                                                                                                                                                                                                                |

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|                       |                                                                    |
|-----------------------|--------------------------------------------------------------------|
|                       | conditions                                                         |
| <b>Storage</b>        | Store at –80 centigrade. Avoid repeated freeze-thaw cycles.        |
| <b>Storage Buffer</b> | 25mM Tris-HCl, 0.4 mg/mL DDK, 500mM NaCl, and 10% glycerol, pH 7.3 |
| <b>Concentration</b>  | 0.81 mg/mL                                                         |

## GENE INFORMATION

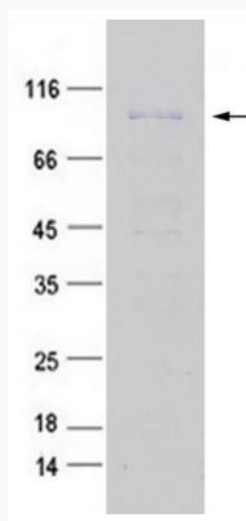
|                        |                                                                         |
|------------------------|-------------------------------------------------------------------------|
| <b>Gene Name</b>       | FXR2 FMR1 autosomal homolog 2 [ Homo sapiens (human) ]                  |
| <b>Official Symbol</b> | FXR2                                                                    |
| <b>Synonyms</b>        | FXR2; FMR1 autosomal homolog 2; FXR2P; FMR1L2; RNA-binding protein FXR2 |
| <b>Gene ID</b>         | 9513                                                                    |
| <b>mRNA Refseq</b>     | NM_004860                                                               |
| <b>Protein Refseq</b>  | NP_004851                                                               |
| <b>MIM</b>             | 605339                                                                  |
| <b>UniProt ID</b>      | P51116                                                                  |

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Purified recombinant human FXR2 protein was analyzed by Tricine-SDS-PAGE 12% gel, run with Tris-Glycine running buffer.



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