

## Fukutin (FKTN) Recombinant Protein | FKTN recombinant protein

Recombinant Human Fukutin (FKTN)

CATALOG #  
AAA230845

HOST  
Cell Free Expression

### PRODUCT SYNONYMS

Fukutin (FKTN); Recombinant Human Fukutin (FKTN); FKTN recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | Cell Free Expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Form/Format             | Liquid containing glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence Positions      | 1-461aa; Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Sequence                | MSRINKNVVL ALLTLTSSAF LLFQLYYYKH YLSTKNGAGL SKSKGSRIGF DSTQWRAVKK FIMLTSNQNV<br>PVFLIDPLIL ELINKNFEQV KNTSHGSTSQ CKFFCVPRDF TAFALQYHLW KNEEGWFRIA ENMGFQCLKI<br>ESKDPRLDGI DSLSGTEIPL HYICKLATHA IHLVVFHERS GNYLWHGHLR LKEHIDRK FV PFRKLQFGRY<br>PGAFDRPELQ QVTVDGLEVL IPKDPMHFVE EVPHSRFIEC RYKEARAFFQ QYLLDDNTVEA VAFRKS AKEL<br>LQLAAKTLNK LGVPPFWLSSG TCLGWYRQCN IIPYSKDV DL GIFIQDYKSD IILAFQDAGL PLKHKFGKVE<br>DSLELSFQGK DDVKLDVFFF YEETDHMWNG GTQAKTGKKF KYLFPKFTLC WTEFVDMKVH VPCETLEYIE<br>ANYGKTWKIP VKTWDWKRSP PNVQPNGIWP ISEWDEVIQL Y |
| Species                 | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.<br>Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.                                                                                                                                                                                                                                                                                                                                               |

### ADDITIONAL INFORMATION

|                                                          |                                                                                         |
|----------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Related Product Information for FKTN recombinant protein | This is a recombinant transmembrane protein expressed in a cell-free expression system. |
| Product Categories/Family for FKTN recombinant protein   | <a href="#">Transmembrane Protein</a>                                                   |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 119395712                                                                                                                                           |
| NCBI GeneID                      | 2218                                                                                                                                                |
| NCBI Accession #                 | <a href="#">NP_001073270.1</a>                                                                                                                      |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001079802.1</a>                                                                                                                      |
| UniProt Accession #              | <a href="#">O75072</a> ; <a href="#">Q3MIJ1</a> ; <a href="#">Q96TE1</a> ; <a href="#">Q9P295</a> ; <a href="#">B4DUX9</a> ; <a href="#">J3KP13</a> |
| Molecular Weight                 | 49,832 Da                                                                                                                                           |
| NCBI Official Full Name          | fukutin isoform a                                                                                                                                   |
| NCBI Official Synonym Full Names | fukutin                                                                                                                                             |
| NCBI Official Symbol             | FKTN                                                                                                                                                |

|                               |                                             |
|-------------------------------|---------------------------------------------|
| NCBI Official Synonym Symbols | FCMD; CMD1X; LGMD2M; MDDGA4; MDDGB4; MDDGC4 |
| NCBI Protein Information      | fukutin                                     |
| UniProt Protein Name          | Fukutin                                     |
| UniProt Gene Name             | <b>FKTN</b>                                 |
| UniProt Synonym Gene Names    | FCMD                                        |
| UniProt Entry Name            | FKTN_HUMAN                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/fktn-recombinant-protein-cell-free-expression/230845>