# Recombinant Mouse Fktn protein, His&Myc-tagged

**Cat. No.** Fktn-4255M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mouse Fktn protein(Q8R507)(29-461aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli. |
| **Species** | Mouse |
| **Source** | E.coli |
| **ProteinLength** | 29-461aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 57.8 kDa |
| **AA Sequence** | KHYLSARNGPGSSKSKGNRVGFDSTQWRAVKKFIMLTSSQNVPVFLIDPWILESINK NFEQVKNASQGPASECRFFCVPRDFTAFALQYHLWKNEDGWFRIAENMGFQCLKT ESKDPRLDGIDSLSGTEIPLHYVCKLTTHAIHLVVFHERSGNYLWHGHLRLKGHMDR KFVPFRKLQFGRYPGAFDRPELQQVTVDGLDMLIPKDPGRFLEEVPHSRFIECRYKE ARAFLQQYIDDNTVDAMVFRKRAKELLQLAAKTLKDLGVPFWLSSGTCLGWYRQCG IIPYSKDVDLGIFIQDYKPDIILAFQEAGLPLKHKFGKVEDSLELSFQGKNDVKLDIFFF YEEADHLWNGGTQARTGKKFKYLFPKFTLCWTEFVDIKVHVPCETVDYIEANYGKT WKIPIKTWDWKSSPPNVQPNGIWPISEWDEVIQLY |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **Storage** | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| **Reconstitution** | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

## GENE INFORMATION

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| **Gene Name** | Fktn fukutin [ Mus musculus ] |
| **Official Symbol** | Fktn |
| **Synonyms** | FKTN; fukutin; Fukuyama type congenital muscular dystrophy homolog; Fukuyama type congenital muscular dystrophy (fukutin); Fcmd; D830030O17Rik; |
| **Gene ID** | 246179 |
| **mRNA Refseq** | NM_139309 |
| **Protein Refseq** | NP_647470 |

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