# Recombinant Human F-box/WD repeat-containing protein 4 (FBXW4)

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| **Product Code** | CSB-MP008525HU |
| **Storage** | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| **Uniprot No.** | P57775 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Homo sapiens (Human) |
| **Purity** | ≥85% (SDS-PAGE) |
| **Sequence** | MAAAAGEEEE EEEAARESAA RPAAGPALWR LPEELLLLIC SYLDMRALGR LAQVCRWLRR FTSCDLLWRR IARASLNSGF TRLGTDLMTS VPVKERVKVS QNWRLGRCRE GILLKWRCSQ MPWMQLEDDS LYISQANFIL AYQFRPDGAS LNRRPLGVFA GHDEDVCHFV LANSHIVSAG GDGKIGIHKI HSTFTVKYSA HEQEVNCVDC KGGIIVSGSR DRTAKVWPLA SGRLGQCLHT IQTEDRVWSI AISPLLSSFV TGTACCGHFS PLRIWDLNSG QLMTHLGSDF PPGAGVLDVM YESPFTLLSC GYDTYVRYWD LRTSVRKCVM EWEEPHDSTL YCLQTDGNHL LATGSSYYGV VRLWDRRQRA CLHAFPLTST PLSSPVYCLR LTTKHLYAAL SYNLHVLDFQ NP |
| **Source** | Mammalian cell |
| **Target Names** | FBXW4 |
| **Protein Names** | Recommended name: F-box/WD repeat-containing protein 4 Alternative name(s): Dactylin F-box and WD-40 domain-containing protein 4 |
| **Expression Region** | 1-412 |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | Tag type will be determined during the manufacturing process. |
| **Protein Length** | Full length protein |
| **Target Details** | This gene is a member of the F-box/WD-40 gene family, which recruit specific target proteins through their WD-40 protein-protein binding domains for ubiquitin mediated degradation. In mouse, a highly similar protein is thought to be responsible for maintaining the apical ectodermal ridge of developing limb buds; disruption of the mouse gene results in the absence of central digits, underdeveloped or absent metacarpal/metatarsal bones and syndactyly. This phenotype is remarkably similar to split hand-split foot malformation in humans, a clinically heterogeneous condition with a variety of modes of transmission. An autosomal recessive form has been mapped to the chromosomal region where this gene is located, and complex rearrangements involving duplications of this gene and others have been associated with the condition. A pseudogene of this locus has been mapped to one of the introns of the BCR gene on chromosome 22. |

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| **Reconstitution** | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| **Shelf Life** | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. |