

Full-Length

FBXW4 (Human) Recombinant Protein (P02)

Catalog # H00006468-P02

Size 50 ug

Specification

Product Description	Human FBXW4 full-length ORF (BAG37276.1, 1 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAAAGEEEEEEEAARESAARPAAGPALWRLPEELLIIICSYLDMRALGRLAQVCRWLRRTSC DLLWRRIRASLNSGFTRLGTDLMTSVPVKERVKVSQNWRLGRCREGILLKWRC SQMPWMQLE DDSLYISQANFILAYQFRPDGASLNRRLPLGVFAGHDEDVCHFVLANSIHVSAGGDGKIGIHKIHSTF TVKYS AHEQEVNCVDCKGGIIVSGSRDR TAKVWPLASGRLGQCLHTIQTEDRVWSFAISPLLSSF VTGTACCGHFSPLRWDLNSGQLMTHLGSDFPFGAGVLDVMYESPFTLLSCGYDTYVRYWDLRT SVRKCVMEWEEPHDSTLYCLQTDGNHLLATGSSYYGVVRLWDRRQRACLHAFPLTSTPLSSPVY CLRLTTKHL YAALSYNLHVLD FQNP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	71.72
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)

- Antibody Production
- Protein Array

Gene Info — FBXW4

Entrez GeneID [6468](#)

GeneBank Accession# [AK314735.1](#)

Protein Accession# [BAG37276.1](#)

Gene Name FBXW4

Gene Alias DAC, FBW4, FBWD4, SHFM3, SHSF3

Gene Description F-box and WD repeat domain containing 4

Omim ID [600095 608071](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations F-box and WD-40 domain protein 4|F-box/WD repeat protein 4|OTTHUMP00000059175|dactylin