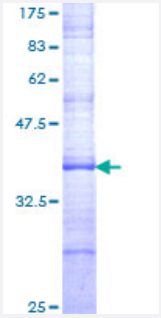
FBXW4 (Human) Recombinant Protein (Q01)

Catalog # H00006468-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FBXW4 partial ORF (NP_071322, 41 a.a. - 140 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	SYLDMRALGRLAQVCRWLRRFTSCDLLWRRIARASLNSGFTRLGTDLMTSVPVKERVKVSQNWR LGRCREGILLKWRCSQMPWMQLEDDSLYISQANFIL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (87); Rat (92)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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#	NM_022039
Protein Accession#	NP_071322
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 thro ugh 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 d eveloping limb buds; disruption of the mouse gene results in the absence of central digits, underd eveloped or absent metacarpal/metatarsal bones and syndactyly. This phenotype is remarkably si milar to split hand-split foot malformation in humans, a clinically heterogeneous condition with a va riety of modes of transmission. An autosomal recessive form has been mapped to the chromoso mal 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