

Recombinant Human C8orf4 Protein, GST-Tagged

Cat. No. C8orf4-0162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C8orf4 full-length ORF (1 a.a. - 106 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a small, monomeric, predominantly unstructured protein that functions as a positive regulator of the Wnt/beta-catenin signaling pathway. This protein interacts with a repressor of beta-catenin mediated transcription at nuclear speckles. It is thought to competitively block interactions of the repressor with beta-catenin, resulting in up-regulation of beta-catenin target genes. The encoded protein may also play a role in the NF-kappaB and ERK1/2 signaling pathways. Expression of this gene may play a role in the proliferation of several types of cancer including thyroid cancer, breast cancer and hematological malignancies. [provided by RefSeq, Nov 2011]
Molecular Mass	38.8 kDa
AA Sequence	MKAKRSHQAIIMSTSLRVSPSIHGYHFDTASRKKAVGNIFENTDQESLERLFRNSGD KKAEEERAKIIFAIQDVEEKTRALMALKKRTKDKLFQFLKLRKYSIKVH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	C8orf4 chromosome 8 open reading frame 4 [Homo sapiens]
Official Symbol	C8orf4
Synonyms	TC1; TC-1
Gene ID	56892
mRNA Refseq	NM_020130
Protein Refseq	NP_064515
MIM	607702
UniProt ID	Q9NR00

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