

Recombinant Human DACT1 Protein, GST-tagged

Cat. No. DACT1-2322H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DACT1 partial ORF (NP_057735.2, 738 a.a. - 836 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene belongs to the dapper family, characterized by the presence of PDZ-binding motif at the C-terminus. It interacts with, and positively regulates dishevelled-mediated signaling pathways during development. Depletion of this mRNA from xenopus embryos resulted in loss of notochord and head structures, and mice lacking this gene died shortly after birth from severe posterior malformations. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]
Molecular Mass	36.63 kDa
AA Sequence	VVDTSSEDEQSNYYTNCFGDSESSVSEGEFVGESTTTSDSEESGGLIWSQFVQTLPI QTVTAPDLHNHPAKTFVKIKASHNLKKILRFRSGSLKLMTTV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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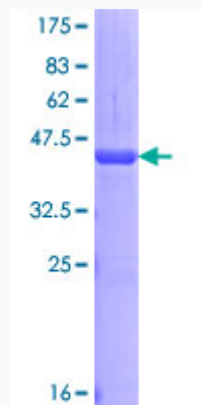
 45-1 Ramsey Road, Shirley, NY 11967, USA

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	DACT1 dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis) [Homo sapiens]
Official Symbol	DACT1
Synonyms	DACT1; dapper, antagonist of beta-catenin, homolog 1 (Xenopus laevis); dapper homolog 1, antagonist of beta catenin (xenopus); dapper homolog 1; DAPPER; DAPPER1; FRODO; HDPR1; THYEX3; heptacellular carcinoma novel gene 3; hepatocellular carcinoma novel gene 3 protein; DPR1;
Gene ID	51339
mRNA Refseq	NM_001079520
Protein Refseq	NP_001072988
MIM	607861
UniProt ID	Q9NYF0

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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