



Recombinant Mouse DACT1 Protein Product Manual

1. Product Basic Information

Product No.: REP06632

Protein Name: Dishevelled Binding Antagonist Of Beta Catenin 1 (DACT1)

Aliases: DPR1; TBS2; FRODO; HDPR1; DAPPER; THYEX3; DAPPER1;
dishevelled binding antagonist of beta catenin 1

UniProt ID: Q9NYF0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NYF0/entry>

Species Source: Mus musculus (Mouse)

Expression System: E.coli

Protein Length: Full Length (1-778aa)

Molecular Weight: 89.3 kDa

Protein Tag: N-terminal 10xHis-tagged and C-terminal Myc-tagged

2. Amino Acid Sequence (1-778aa)

MKPDAAAREPEPLSPGRGAEAEGRWRERGEADTERQRTTRERQEATLAGLAELGYL
RQRQELLVRGALRCSGTVGTVAPRSGELRGDAAQRSRLEEKFLEENILLRRQLNC
LRRRDAGLLNQLQELDKQISDLRLDVEKTSEEHLTDSPSSGFYELSDGASGSLS
NSSNSVFSECLSSCHSSTCFCSPLEAALTISDGCPKSADVNPQYQCDLVSKNGNDV
YRYPSPPLHAVAVQSPMFLLCLTGNTLREEEGLGSHASDICIGSELNATKTDNSLPSP
SSLWSASHPASSKKMDGYILSLVQKKTHPVRTNKPRTSVNADPTKGLLRNGSVCVR
APSGVPPGSSVNFKNKQMCPLPAGGITSLENGPFPSPKQRSKDSKTDQLESKRLAL
PESCSAGAAMEPQSKHVPKAAKAAASQELTRCQAGLGESMKESNQASAVSPKTSP
GRGPVAPAESKALQLPKKMSQKNSLQAVPALDRPALDFKSEGSSQSLEEGHLVKA
QFIPGQQAARPHRAHRNPGVARSATLKARGQAAMEHGLPTVREKPRAAGKKCRF
PDDSDTNKKFRKTSAGKRRSGGLQDAGLPGRALGTGGHRAHSRAHAHGREPVVA
KPKHKRTDYRRWKSSAEVSYEEALRRARRARREHGAAYRVAVALPYASPYAYVPS
DSEYSAECESLFHSTVVDTSSEDEQSNTTNCFGDSESSVSEGDFVGESTTTSDSEE
SGGLIWSQFVQTLPIQTVTAPDLHTRPTKTFVKIKASHNLKKKILRFRSGSLKLMTTV

3. Storage Buffer



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse DACT1 full length protein (1-778aa) expressed in E.coli. The protein is dual-tagged with 10xHis tag at the N-terminus and Myc tag at the C-terminus, which facilitates protein purification, detection and identification. DACT1, also known as DPR1 or TBS2 or FRODO, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.