Recombinant Human Tribbles Homolog 2 (Drosophila), GST-tagged

Cat. No. TRIB2-3852H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	A DNA sequence encoding the human TRIB2 (NP_006204.1) (Met 1-Asn 343) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Human
ProteinLength	1-343 a.a.
Description	TRIB2 is a member of the protein kinase superfamily and Tribbles subfamily (Trib1, Trib2, Trib3). The identification of tribbles as regulators of signal processing systems and physiological processes, including development, together with their potential involvement in diabetes and cancer, has generated considerable interest in these proteins.
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM PMSF, 0.5mM GSH, pH 8.0. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA.
Purity	> 82 % as determined by SDS-PAGE
Endotoxin	μ1.0 EU per μg protein as determined by the LAL method
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Predicted N terminal	Met
Molecular Mass	The recombinant human TRIB2/GST chimera consists of 580 amino acids and predicts a molecular mass of 66.6 kDa. It migrates as an approximately 60 kDa band in SDS-PAGE under reducing conditions.
Storage	Store it under sterile conditions at -70°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	TRIB2 tribbles homolog 2 (Drosophila) [Homo sapiens]
Official Symbol	TRIB2
Synonyms	TRIB2; tribbles homolog 2 (Drosophila); C5FW; TRB2; GS3955; FLJ57420; tribbles homolog 2; OTTHUMP00000115687
Gene ID	28951
mRNA Refseq	NM_021643
Protein Refseq	NP_067675
MIM	609462
UniProt ID	Q92519
Chromosome Location	2p24.3
Function	ATP binding; NOT nucleotide binding; NOT protein kinase activity; protein kinase

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	inhibitor activity; transcription factor binding; transferase activity; ubiquitin protein liqase binding; ubiquitin-protein liqase requator activity

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