



# Recombinant Human Tribbles homolog 2 (TRIB2)

<b>Product Code</b>	CSB-MP838778HU
<b>Abbreviation</b>	TRIB2
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q92519
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MNIHRSTPIT IARYGRSRNK TQDFEELSSI RSAEPSQSFS PNLGSPSPPE TPNLSHCVSC IGKYLLEPL EGDHVFRAVH LHSGEELVCK VFDISCYQES LAPCFCLSAH SNINQITEII LGETKAYVFF ERSYGMHSF VRTCKKREE EAARLFYQIA SAVAHCHDGG LVLRLDKLRK FIFKDEERTR VKLESLEDAY ILRGDDDSLK DKHGC PAYVS PEILNTSGSY SGKAADVWSL GVMLYTMLVG RYPFHDIEPS SLFSKIRRGQ FNIPETLSPK AKCLIRSILR REPERLTSQ EILDHPWFST DFSVSNSAYG AKEVSDQLVP DVNMEENLDP FFN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	TRIB2
<b>Protein Names</b>	Recommended name: Tribbles homolog 2 Short name= TRB-2
<b>Expression Region</b>	1-343
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes one of three members of the Tribbles family. The Tribbles members share a Trb domain, which is homologous to protein serine-threonine kinases, but lacks the active site lysine and probably lacks a catalytic function. The Tribbles proteins interact and modulate the activity of signal transduction pathways in a number of physiological and pathological processes. This Tribbles member induces apoptosis of cells mainly of the hematopoietic origin. It has been identified as a protein up-regulated by inflammatory stimuli in myeloid (THP-1) cells, and also as an oncogene that inactivates the transcription factor C/EBPalpha (CCAAT/enhancer-binding protein alpha) and causes acute myelogenous leukemia. Alternatively spliced transcript variants have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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