

Recombinant Human TRIB2 / TRB2 Protein

Cat.NO.: TP08504

3th Edition

Synonyms:C5FW;FLJ57420;GS3955;TRB2;TRIB2

Description:Tribbles homolog 2, also known as TRB-2, and 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. Tribbles have been reported to regulate activation of a number of intracellular signalling pathways with roles extending from mitosis and cell activation to apoptosis and modulation of gene expression. Tribbles controls the timing of mitosis in the prospective mesoderm, allowing cell-shape changes to be completed. This mechanism for coordinating cell division and cell-shape changes may have helped Drosophila to evolve its mode of rapid early development. Trib2 was identified as a downregulated transcript in leukemic cells undergoing growth arrest. Trib2-transduced bone marrow cells exhibited a growth advantage and readily established factor-dependent cell lines. Trib2-reconstituted mice uniformly developed fatal transplantable acute myelogenous leukemia (AML).

Form:PBS

Molecular Weight:39 kDa

Sequences:Met 1-Asn 343

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.