

**SPECC1, 458-761aa, Human, His tag, E.coli**

**Cat.NO.: TP04011**

---

3th Edition

**Synonyms:**Cytospin-B, CYTSB, HCMOGT-1, HCMOGT1, NSP

**Description:**SPECC1, also known as Cytospin-B, belongs to the cytospin-A family. This protein is involved in cytokinesis and spindle organization. It may play a role in actin cytoskeleton organization and microtubule stabilization and hence required for proper cell adhesion and migration. Recombinant human SPECC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT, 0.1M NaCl

**Molecular Weight:**37.7 kDa(327aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSTQEGKIIIELEQKCTGILEQGRFEREKLLNIQQQLTCSLRKVEEENQGALEMIK  
RLKEENEKLNFELELERHNNNMMAKTLEECRVTLLEGLKMENGLKSHLQGEKQKATEASAVEQTAESCEVQEMLK  
VARAEKDLLELSCNELRQELLKANGEIKHVSSLLAKVEKDYSYLKEICDHQAEQLSRTSLKLQEKASESDAEIKDMKE  
TIFELEDQVEQHRAVKLHNNQLISELESSVIKLEEQKSDLERQLKTLTKQMKEETEEWRRFQADLQTAVVVANDIKC  
EAQQELRTVKRKLLEEEKNA

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**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.