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Datasheet for ABIN7319073 TES Protein (His tag)

Overview

Quantity:	50 µg
Target:	TES
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TES protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Testin/TES Protein (His Tag)
Sequence:	Met 1-Ser421
Characteristics:	Recombinant Human Testin is produced by our E.coli expression system and the target gene encoding Met1-Ser421 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TES
Alternative Name:	Testin/TES (TES Products)
Background:	Background: Testin belongs to the prickle/espinas/testin family. Testin contains three LIM zinc-binding domains and one PET domain, TES as a scaffold protein that may have a role in cell adhesion, cell spreading and in the reorganization of the actin cytoskeleton. In addition, TES can

Target Details

also as a tumor suppressor, inhibits tumor cell growth, regulate the cell proliferation. TES interacts with many cytoskeletal proteins, such as Zyxin, Mena, Actin, Talin and VASP. The ability of TES to associate with alpha-actin, Zyxin and paxillin is dependent on the conformational state of the molecule.

Synonym: Testin, TESS, TES

Molecular Weight: 49.1 kDa

UniProt: [Q9UGI8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM DTT, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.