

TES Human

Description: TES Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 441 amino acids (1-421 a.a.) and having a molecular mass of 50.1 kDa. The TES protein is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PRPS-556

For research use only.

Synonyms: TESS, TESS-2, Testin.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MDLENKVKKM GLGHEQGFGA
PCLKCKEKCE GFELHFWRKI CRNCKGQEE HDVLLSNEED RKVGKLFEDT KYTTLIAKLN
SDGIPMYKRN VMILTNPVAA KKNVSINTVT YEWAPPVQNN ALARQYMQML PKEKQPVAGS
EGAQRKKQL AKQLPAHDQD PSKCHELSPR EVKEMEQLFVK KYKSEALGVG DVKLPCEMDA
QGPKQMNIPG GD

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

TES 0.5mg/ml protein solution contains 20mM Tris pH-8, 1mM DTT, 0.1M NaCl & 20% glycerol.

Stability:

TES Human although stable at 4°C for 1 week, should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

Usage:

NeoBiolabs products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

TES also called Testin is a tumor suppressor protein which is involved in cell adhesion, cell spreading and in the restructuring of the actin cytoskeleton. TES protein localizes to cell-cell contacts and actin stress fibres, and interacts with a diversity of cytoskeletal proteins such as Zyxin, Mena, VASP, Talin and Actin. The ability of TES to associate with alpha-actinin, paxillin and Zyxin is dependent on the conformational form of the protein.

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