

Product datasheet

Recombinant Human TC21 protein ab87714

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Description

Product name	Recombinant Human TC21 protein
Purity	> 95 % SDS-PAGE. ab87714 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MAAAGWRDGS GQEKYRLVVV GGGVVGKSAL TIQFIQSYFV TDYDPTIEDS YTKQCVIDDR AARLDILDTA GQEEFGAMRE QYMRTGEGFL LVFSVTDGRS FEEIYKFQRQ ILRVKDRDEF PMILIGNKAD LDHQRQVTQE EGQQLARQLK VTYMEASAKI RMNVDQAFHE LVRVIRKFQE QECPPSPEPT RKEKDKKGCH C</p>

Specifications

Our [Abpromise guarantee](#) covers the use of **ab87714** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	Protein previously labeled as RRAS2.

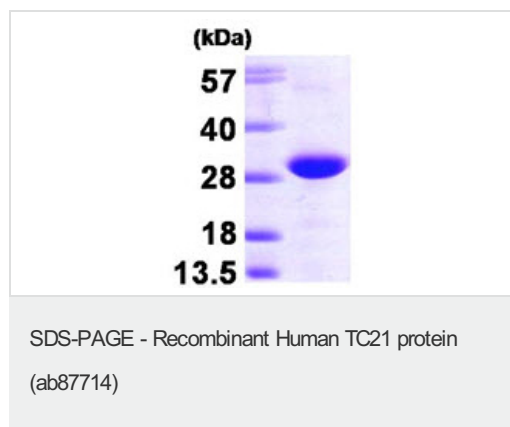
Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.</p> <p>pH: 8.00</p> <p>Constituents: 0.316% Tris HCl, 0.0584% EDTA, 10% Glycerol</p>
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General Info

Function	It is a plasma membrane-associated GTP-binding protein with GTPase activity. Might transduce growth inhibitory signals across the cell membrane, exerting its effect through an effector shared with the Ras proteins but in an antagonistic fashion.
Tissue specificity	Ubiquitously present in all tissues examined, with the highest levels in heart, placenta, and skeletal muscle. Moderate levels in lung and liver; low levels in brain, kidney, and pancreas.
Involvement in disease	Ovarian cancer
Sequence similarities	Belongs to the small GTPase superfamily. Ras family.
Post-translational modifications	May be post-translationally modified by both palmitoylation and polyisoprenylation.
Cellular localization	Cell membrane. Inner surface of plasma membrane possibly with attachment requiring acylation of the C-terminal cysteine (By similarity with RAS).

Images



15% SDS-PAGE showing ab87714 at approximately 25.2 kDa (3 μ g).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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