

Recombinant Human TSC1 protein(690-993aa), His-tagged

Cat. No. TSC1-4194H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSC1 protein(Q92574)(690-993aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	690-993aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.3 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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AA Sequence

TLRDQLLLLHNQLLYERFKRQQHALRNRLLRKVIKAAALEEHNAAMKDQLKLQEKD
IQMWKVSQKEQARYNQLQEQRDTMVTKLHSQIRQLQHDREEFYNSQELQTKLE
DCRNMIAELRIELKKANNKVCHTELLSQVSQKLSNSESQVQQMEFLNRQLLVLGEV
NELYLEQLQNKHSDTTKEVEMMKAAAYRKELEKNRSHVLQQTQRLDTSQKRILELES
HLAKKDHLLEQKKYLEDVKLQARGQLQAAESRYEAQKRITQVFELEILDLYGRLEKD
GLLKKLEEEKAEAAEAAEERL

GENE INFORMATION

Gene Name TSC1 tuberous sclerosis 1 [Homo sapiens]

Official Symbol TSC1

Synonyms TSC1; tuberous sclerosis 1; TSC; hamartin; KIAA0243; LAM; tumor suppressor; tuberous sclerosis 1 protein; MGC86987;

Gene ID 7248

mRNA Refseq NM_000368

Protein Refseq NP_000359

MIM 605284

UniProt ID Q92574

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