

Recombinant Human TRPA1 protein, His-SUMO-tagged

Cat. No. TRPA1-345H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRPA1 protein(NP_015628)(957-1119aa), fused with two N-terminal tags, 6xHis tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	957-1119aa
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	35.2kDa
AA Sequence	IGLAVGDIAEVQKHASLKRIAMQVELHTSLEKKLPLWFLRKVDQKSTIVYPNKPRSGG MLFHIFCFLFCTGEIRQEIPNADKSLEMEILKQKYRLKDLTFLLEKQHELIKLIQKMEIIS ETEDDDSHCSFQDRFKKEQMEQRNSRWNTVLRVAKAKTHHLEP
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name [TRPA1 transient receptor potential cation channel, subfamily A, member 1 \[Homo sapiens \]](#)

Official Symbol [TRPA1](#)

Synonyms TRPA1; transient receptor potential cation channel, subfamily A, member 1; ANKTM1, ankyrin like with transmembrane domains 1; transient receptor potential cation channel subfamily A member 1; transformation-sensitive protein p120; ankyrin-like with transmembrane domains 1; ankyrin-like with transmembrane domains protein 1; ANKTM1;

Gene ID [8989](#)

mRNA Refseq [NM_007332](#)

Protein Refseq [NP_015628](#)

MIM [604775](#)

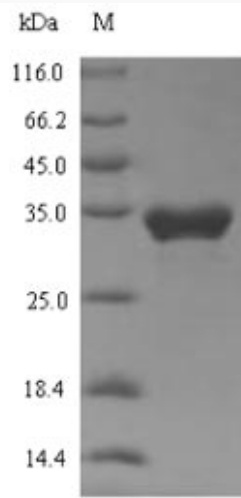
UniProt ID [O75762](#)

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SDS-PAGE



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