

## Recombinant Human TRPA1 Protein, His-tagged

**Cat. No.** TRPA1-343H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRPA1(Asp63~Ile370) fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp63~Ile370
<b>Description</b>	The structure of the protein encoded by this gene is highly related to both the protein ankyrin and transmembrane proteins. The specific function of this protein has not yet been determined; however, studies indicate the function may involve a role in signal transduction and growth control.
<b>Form</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Molecular Mass</b>	37.6kDa
<b>Endotoxin</b>	<1.0EU per 1g (determined by the LAL method)
<b>Purity</b>	> 92%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

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**Stability** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage** Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution** Reconstitute in PBS or others.

## 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](#)

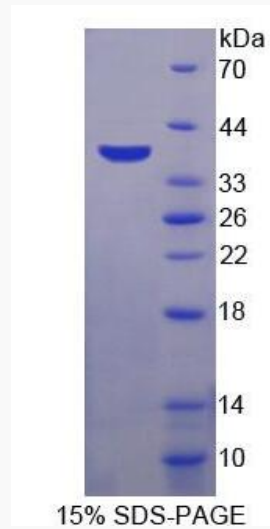
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UniProt ID

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