

# Active Recombinant Human TRPA1 Full Length Transmembrane protein(Nanodisc)

Cat. No. TRPA1-2844H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRPA1 Full Length Transmembrane protein(O75762), was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Form</b>	Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
<b>Bio-activity</b>	Elisa plates were pre-coated with Flag Tag TRPA1-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with TRPA1-Nanodisc is 7.433ng/ml.
<b>Molecular Mass</b>	The human full length TRPA1 protein has a MW of 127.5 kDa.
<b>Storage</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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**Full Length** Full L.

## 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

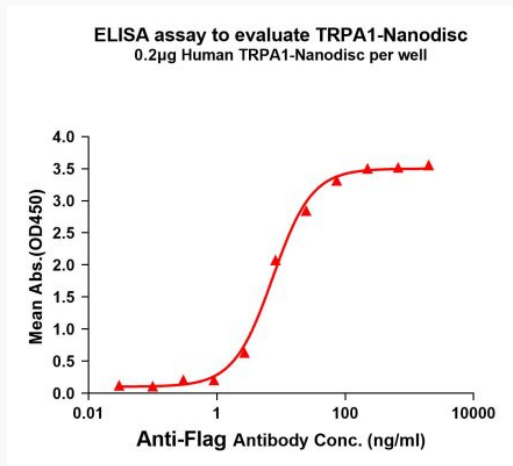
**UniProt ID** O75762

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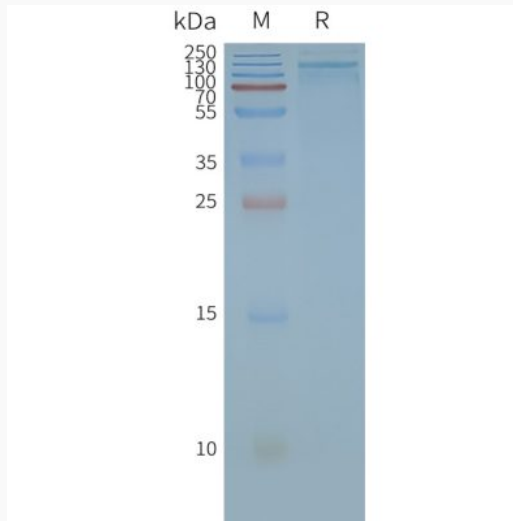
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**Activity**



**SDS-PAGE**



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