

# Active Recombinant Full Length Human TRPA1 Protein, Flag-tagged, Biotin Labeled, Nanodisc

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRPA1 Full Length Transmembrane protein(O75762), nanodisc was expressed in HEK293. Purified protein was labeled with biotin in vitro.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-1119aa
<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>Tag</b>	Flag
<b>Conjugation/Label</b>	Biotin
<b>Bio-activity</b>	Elisa plates were pre-coated with Flag Tag TRPA1-Nanodisc (0.2 µg/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 7.433 ng/mL.
<b>Molecular Mass</b>	127.5 kDa

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<b>Labeling Efficiency</b>	6.37
<b>Storage</b>	Store at 4 centigrade. Do NOT Freeze.
<b>Storage Buffer</b>	PBS buffer
<b>Concentration</b>	112 µg/mL
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	TRPA1 transient receptor potential cation channel subfamily A member 1 [ Homo sapiens (human) ]
<b>Official Symbol</b>	TRPA1
<b>Synonyms</b>	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
<b>Gene ID</b>	8989
<b>mRNA Refseq</b>	NM_007332
<b>Protein Refseq</b>	NP_015628
<b>MIM</b>	604775

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UniProt ID

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