

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

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

SPECIFICATION

Product Overview	Recombinant Human TRPA1 Full Length Transmembrane protein(O75762), nanodisc was expressed in HEK293. Purified protein was labeled with biotin in vitro.
Species	Human
Source	HEK293
ProteinLength	1-1119aa
Description	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.
Tag	Flag
Conjugation/Label	Biotin
Bio-activity	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.
Molecular Mass	127.5 kDa

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

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