

Transient receptor potential cation channel subfamily A member 1 (TRPA1), partial Recombinant Protein | TRPA1 recombinant protein

Recombinant Human Transient receptor potential cation channel subfamily A member 1 (TRPA1), partial

CATALOG #
AAA115777

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

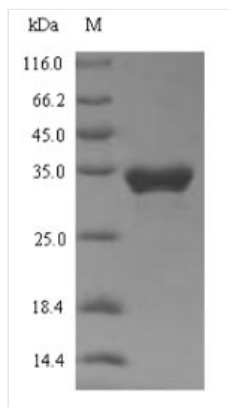
PRODUCT SYNONYMS

Transient receptor potential cation channel subfamily A member 1 (TRPA1); partial; Recombinant Human Transient receptor potential cation channel subfamily A member 1 (TRPA1); Recombinant Transient receptor potential cation channel subfamily A member 1 (TRPA1); Transient receptor potential cation channel subfamily A member 1; Ankyrin-like with transmembrane domains protein 1 Transformation-sensitive protein p120; TRPA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	957-1119aa; Partial
Sequence	IGLAVGDIAE VQKHASKRI AMQVELHTSL EKKLPLWFLR KVDQKSTIVY PNKPRSGGML FHIFCFLFCT GEIRQEIPNA DKSLEMEILK QKYRLKDLTF LLEKQHELIK LIIQKMEIIS ETEDDDSHCS FQDRFKKEQM EQRNSRWNTV LRAVKAKTHH LEP
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TRPA1 recombinant protein	Receptor-activated non-selective cation channel involved in detection of pain and possibly also in cold perception and inner ear function . Has a central role in the pain response to endogenous inflammatory mediators and to a diverse array of volatile irritants, such as mustard oil, cinnamaldehyde, garlic and acrolein, an irritant from tears gas and vehicule exhaust fumes . Is also activated by menthol (in vitro). Acts also as a ionotropic cannabinoid receptor by being activated by delta(9)-tetrahydrocannabinol (THC), the psychoactive component of marijuana . May be a component for the mechanosensitive transduction channel of hair cells in inner ear, thereby participating in the perception of sounds. Probably operated by a phosphatidylinositol second messenger system (By similarity).
Product Categories/Family for TRPA1 recombinant protein	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534990
NCBI GeneID	8989
NCBI Accession #	NP_015628.2
NCBI GenBank Nucleotide #	NM_007332.2
UniProt Accession #	O75762; A6NIN6
Molecular Weight	35.2 kDa
NCBI Official Full Name	transient receptor potential cation channel subfamily A member 1
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily A, member 1
NCBI Official Symbol	TRPA1
NCBI Official Synonym Symbols	ANKTM1
NCBI Protein Information	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
UniProt Protein Name	Transient receptor potential cation channel subfamily A member 1
UniProt Gene Name	TRPA1
UniProt Synonym Gene Names	ANKTM1
UniProt Entry Name	TRPA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/trpa1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115777>