Recombinant Full Length Human ANO10 Protein, GST-tagged

Cat. No. ANO10-4838HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ10375 full-length ORF (AAH38855, 1 a.a. - 392 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	392 amino acids
Description	The transmembrane protein encoded by this gene belongs to the anoctamin family of calcium-activated chloride channels, also known as the transmembrane 16 family. The encoded protein contains eight transmembrane domains with cytosolic N- and C-termini. Defects in this gene may cause autosomal recessive spinocerebellar ataxia-10. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2016]
Molecular Mass	68.86 kDa
AA Sequence	MLLGAEAVGLVKECNDNTMRAFTYRTRQNFKGFDDNNDDFLTMAECQFIIKHELEN LRAKDEKMIPGYPQAKLYPGKSLLRRLLTSGIVIQVFPLHDSEALKKLEDTWYTRFAL KYQPIENHRLESAYQNHLILKVLVFNFLNCFASLFYIAFVLKDMKLLRQSLATLLITSQI LNQIMESFLPYWLQRKHGVRVKRKVQALKADIDATLYEQVILEKEMGTYLGTFDDYL ELFLQFGYVSLFSCVYPLAAAFAVLNNFTEVNSDALKMCRVFKRPFSEPSANIGVWQ LAFEMMSVISVVTNCALIGMSPQVNAAFPESKADLILIVVAVEHALLALKFILAFAIPDK PRHIQMKLARLEFESLEALKQQQMKLVTENLKEEPMESGKEKAT

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

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ANO10 anoctamin 10 [Homo sapiens]
Official Symbol	ANO10
Synonyms	ANO10; anoctamin 10; TMEM16K, transmembrane protein 16K; anoctamin-10; FLJ10375; MGC47890; SCAR10; transmembrane protein 16K; TMEM16K;
Gene ID	55129
mRNA Refseq	NM_001204831
Protein Refseq	NP_001191760
MIM	613726
UniProt ID	Q9NW15

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