

Recombinant Full Length Human LZTR1 Protein, GST-tagged

Cat. No. LZTR1-6048HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LZTR1 full-length ORF (CAK54544.1, 1 a.a. - 840 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	840 amino acids
Description	This gene encodes a member of the BTB-kelch superfamily. Initially described as a putative transcriptional regulator based on weak homology to members of the basic leucine zipper-like family, the encoded protein subsequently has been shown to localize exclusively to the Golgi network where it may help stabilize the Gogli complex. Deletion of this gene may be associated with DiGeorge syndrome. [provided by RefSeq]
Molecular Mass	118.8 kDa
AA Sequence	MAGPGSTGGQIGAAALAGGARSKVAPSVDFDHSCSDSVEYLTLNFGPFETVHRWR RLPPCDEFVGARRSKHTVVAYKDAIYVFGGDNGKTMNDLLRFDVKDCSWCRAFTT GTPPAPRYHHSVAVYVGSSMFVFGGYTGDIYSNSNLKNKNDLFEYKFATGQWTEWKI EGRLPVARSAHGATVYSDKLWIFAGYDGNARLNDMWTIGLQDRELTCWEEVAQSG EIPPSCCNFPVAVCRDKMFVFSQGSGAKITNNLFQFEFKDKTWTRIPTEHLLRGSP PPQRRYGHTMVAFDRHLYVFGGAADNTLPNELHCYDVDFQTWEVVQPSSDSEVG GAEVPERACASEEVPTLTYEERVGFKKSRDVFGLDFGTTSKQPTQPASELPSGRL

 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

FHAAVISDAMYIFGGTVDDNNIRSGEMYRFQFSCYPKCTLHEDYGRWLWESRQFCDV
 EFVLGEKEECVQGHVAIVTARSRWLRKITQARERLAQKLEQEAAPVPREAPGVAA
 GGARPPLLHVAIREAEARPFEVLMQFLYTDKIKYPRKGHVEDVLLIMDVYKLALSFQL
 CRLEQLCRQYIEASVDLQNVLVVCESAARLQLSQLKEHCLNFVVKESHFNQVIMMKE
 FERLSSPLIVEIVRRKQQPPPRTPDQPV DIGTSLIQDMKAYLEGAGAEFCDITLLLDG
 HPRPAHKAILAARSSYFEAMFRSFMPEGQVNI SIGEMVPSRQAFESMLRYIYYGEV
 NMPPEDSLYLFAAPYYYGFYNNRLQAYCKQNLEMNVTQNVLQILEAADKTQALDM
 KRHCLHIIVHQFTKVSKLPTLRSLSQQLLLDIIDSLASHISDKQCAELGADI

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

LZTR1 leucine zipper like transcription regulator 1 [Homo sapiens (human)]

Official Symbol

LZTR1

Synonyms

LZTR1; leucine zipper like transcription regulator 1; NS10; BTBD29; LZTR-1;
 SWNTS2; leucine-zipper-like transcriptional regulator 1

Gene ID

<https://www.ncbi.nlm.nih.gov/gene/?term=8216>

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mRNA Refseq	NM_006767
Protein Refseq	NP_006758
MIM	600574
UniProt ID	Q8N653

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