

Recombinant Full Length Human C10orf27 Protein, GST-tagged

Cat. No. C10orf27-1680HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human C10orf27 full-length ORF (BAB71459.1, 1 a.a. - 351 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	351 amino acids
Description	This gene encodes a protein that regulates thymic epithelial cell proliferation and thymus size. It has been identified as a ligand for the class I human leukocyte antigen (HLA-I) in thymus. Studies of the orthologous mouse protein suggest that it may also play a role in spermatid differentiation, as well as in neuronal morphogenesis and synaptic plasticity. Polymorphisms in this gene are associated with susceptibility for multiple sclerosis (MS). Alternative splicing results in multiple transcript variants.
Molecular Mass	65.8 kDa
AA Sequence	MATDVQLAGY PLMSPKAELK LEKKSGRKPR SPRDSGPQKE LVIPGIVDFE RIRRALRTPK PQTPGTTCFG RLSHHSFFSR HHPHPQHVTI IQDLTGKPVC VVRDFPAPLP ESTVFSGCQM GIPTISVPIG DPQSNRNPQL SSEAWKKELK ELASRVAFLT KEDELKKKEK EQKEEPLREQ GAKYSAETGR LIPASTRAVG RRRSHQGQQS QSSSRHEGVQ AFLLDQDELL VLELLCQILE TDLLSAIQFW LLYAPPKEKD LALGLLQTAV AQLLPQPLVS IPTEKLLSQL PEVHEPPQEK

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QEPPCSQSPK KTKISPFTKS EKPEYIGEAQ VLQMHSSQNT EKKTSKPRAE S

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 C10orf27 chromosome 10 open reading frame 27 [Homo sapiens]

Official Symbol C10orf27

Synonyms C10ORF27; chromosome 10 open reading frame 27; protein SPATIAL; FLJ32820; spatial; stromal protein associated with thymii and lymph node homolog

Gene ID 219793

mRNA Refseq NM_152710

Protein Refseq NP_689923

MIM 612640

UniProt ID Q96M53

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