Recombinant Full Length Human LRRTM4 Protein, GST-tagged

Cat. No. LRRTM4-6110HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LRRTM4 full-length ORF (BAG53623.1, 1 a.a. - 590 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	590 amino acids
Description	LRRTM4 (Leucine Rich Repeat Transmembrane Neuronal 4) is a Protein Coding gene. Among its related pathways are Protein-protein interactions at synapses and Transmission across Chemical Synapses. GO annotations related to this gene include heparan sulfate proteoglycan binding. An important paralog of this gene is LRRTM3.
Molecular Mass	93.6 kDa
AA Sequence	MGFHLITQLKGMSVVLVLLPTLLLVMLTGAQRACPKNCRCDGKIVYCESHAFADIPE NISGGSQGLSLRFNSIQKLKSNQFAGLNQLIWLYLDHNYISSVDEDAFQGIRRLKELIL SSNKITYLHNKTFHPVPNLRNLDLSYNKLQTLQSEQFKGLRKLIILHLRSNSLKTVPIR VFQDCRNLDFLDLGYNRLRSLSRNAFAGLLKLKELHLEHNQFSKINFAHFPRLFNLR SIYLQWNRIRSISQGLTWTWSSLHNLDLSGNDIQGIEPGTFKCLPNLQKLNLDSNKLT NISQETVNAWISLISITLSGNMWECSRSICPLFYWLKNFKGNKESTMICAGPKHIQGE KVSDAVETYNICSEVQVVNTERSHLVPQTPQKPLIIPRPTIFKPDVTQSTFETPSPSP GFQIPGAEQEYEHVSFHKIIAGSVALFLSVAMILLVIYVSWKRYPASMKQLQQHSLMK

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	RRRKKARESERQMNSPLQEYYVDYKPTNSETMDISVNGSGPCTYTISGSRECEMP HHMKPLPYYSYGQPVIGYCQAHQPLHVTKGYETVSPEQDESPGLELGRDHSFIATIA RSAAPAIYLERIAN
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	LRRTM4 leucine rich repeat transmembrane neuronal 4 [Homo sapiens]
Official Symbol	LRRTM4
Synonyms	LRRTM4; leucine rich repeat transmembrane neuronal 4; leucine-rich repeat transmembrane neuronal protein 4; FLJ12568; leucine-rich repeat transmembrane neuronal 4 protein; MGC120633; MGC120636;
Gene ID	80059
mRNA Refseq	NM_024993
Protein Refseq	NP_079269

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MIM	610870
UniProt ID	Q86VH4

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