

# Recombinant Full Length Human LRRTM4 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human LRRTM4 full-length ORF (BAG53623.1, 1 a.a. - 590 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	590 amino acids
<b>Description</b>	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.
<b>Molecular Mass</b>	93.6 kDa
<b>AA Sequence</b>	MGFHLITQLKGMSSVVLVLLPTLLLVMILTGAQRACPKNCRCDGKIVYCESHAFADIPE NISGGSQGLSLRFNSIQKLNQFAGLNQLIWLWYLDHNYISSVDEDAFQGIRRLKELIL SSNKITYLHNKTFHPVFNLRNLDLSYNKLQTLQSEQFKGLRKLILHLRSNSLKTVP VIFQDCRNLDLFDLGYNRLRSLSRNAFAGLLKELHLEHNQFSKINFAHFPRLFNL SIYLQWNRIRISQGLTWTWSSLHNLDLSGNDIQGIEPGTFKCLPNLQKLNLD SNKLTNISQETVNAWISLISITLSGNMWECSRSICPLFYWLKFNKGNKESTMICAGPKHIQGE KVSDAVETYNICSEVQVVNTERSHLVPQTPQKPLIIPRPTIFKPDVTQSTFETPSPSP GFQIPGAEQEYEHVSFHKIAGSVALFLSVAMILLVIYVSWKRYPASMKQLQQHSLMK

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RRRKKARESERQMNSPLQEYYVDYKPTNSETMDISVNGSGPCTYTISGSRECEMP  
 HHMKPLPYYSYGQPVIGYCQAHQPLHVTKGYETVSPEQDESPGLELGRDHSFIATIA  
 RSAAPAIYLERIAN

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

## GENE INFORMATION

<b>Gene Name</b>	LRRTM4 leucine rich repeat transmembrane neuronal 4 [ Homo sapiens ]
<b>Official Symbol</b>	LRRTM4
<b>Synonyms</b>	LRRTM4; leucine rich repeat transmembrane neuronal 4; leucine-rich repeat transmembrane neuronal protein 4; FLJ12568; leucine-rich repeat transmembrane neuronal 4 protein; MGC120633; MGC120636;
<b>Gene ID</b>	80059
<b>mRNA Refseq</b>	NM_024993
<b>Protein Refseq</b>	NP_079269

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<b>MIM</b>	610870
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<b>UniProt ID</b>	Q86VH4
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