

Recombinant Full Length Human ERC1 Protein, GST-tagged

Cat. No. ERC1-4526HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERC1 full-length ORF (AAH05065.1, 1 a.a. - 91 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	91 amino acids
Description	The protein encoded by this gene is a member of a family of RIM-binding proteins. RIMs are active zone proteins that regulate neurotransmitter release. This gene has been found fused to the receptor-type tyrosine kinase gene RET by gene rearrangement due to the translocation t(10;12)(q11;p13) in thyroid papillary carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]
Molecular Mass	36.4 kDa
AA Sequence	MPKQVVWHGHWPAALSKQVAQIPPTWTFSSGAAPATLSHWVCDSPHLHSILHHFPS RKTDGRKPSVTLLRRSISGTDIICLVSVNSKESS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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	ERC1 ELKS/RAB6-interacting/CAST family member 1 [Homo sapiens]
Official Symbol	ERC1
Synonyms	ERC1; ELKS/RAB6-interacting/CAST family member 1; RAB6 interacting protein 2 , RAB6IP2; ELKS/Rab6-interacting/CAST family member 1; CAST2; ELKS; KIAA1081; MGC12974; RAB6 interacting protein 2; Rab6-interacting protein 2; Cast2; RAB6IP2; FLJ31750;
Gene ID	23085
mRNA Refseq	NM_178039
Protein Refseq	NP_829883
MIM	607127
UniProt ID	Q8IUD2