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Datasheet for ABIN7549128
L1RE1 Protein (AA 1-338) (His tag)

Overview

Quantity:	1 mg
Target:	L1RE1
Protein Characteristics:	AA 1-338
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This L1RE1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinant L1RE1 Protein expressed in mammalian cells.
Sequence:	MGKKQNRKTG NSKTQSASPP PKERSSSPAT EQSWMENDFD ELREEGFRRS NYSELREDIQ TKGKEVENFE KNLEECITRI TNEKCLKEL MELKTKAREL REECRSLRSR CDQLEERVSA MEDEMNMEMKR EGKFKREKRIK RNEQSLQEIW DYVKRPNLRL IGVPESDVEN GTKLENTLQD IIQENFPNLA RQANVQIQEI QRTPQRYSSR RATPRHIIVR FTKVEMKEKM LRAAREKGRV TLKGKPIRLT ADLSAETLQA RREWGPIFNI LKEKNFQPRI SYPAKLSFIS EGEIKYFIDK QMLRDFVTTR PALKELLKEA LNMERNNRYQ PLQNHAKM Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	L1RE1
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Alternative Name:	L1RE1 (L1RE1 Products)
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Background:	LINE-1 retrotransposable element ORF1 protein (L1ORF1p) (LINE retrotransposable element 1) (LINE1 retrotransposable element 1),FUNCTION: Nucleic acid-binding protein which is essential for retrotransposition of LINE-1 elements in the genome. Functions as a nucleic acid chaperone binding its own transcript and therefore preferentially mobilizing the transcript from which they are encoded. {ECO:0000269 PubMed:11158327, ECO:0000269 PubMed:21937507, ECO:0000269 PubMed:28806172, ECO:0000269 PubMed:30122351, ECO:0000269 PubMed:8945518}.
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Molecular Weight:	40.1 kDa
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UniProt:	Q9UN81
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a
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Application Details

guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months