

Datasheet for ABIN7550787

PLRG1 Protein (AA 1-514) (His tag)



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Overview

Quantity:	1 mg
Target:	PLRG1
Protein Characteristics:	AA 1-514
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PLRG1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PLRG1 Protein expressed in mammalian cells.
Sequence:	<p>MVEEVQKHSV HTLVFRSLKR THDMFVADNG KPVPLDEESH KRKMAIKLRN EYGPVLHMPT SKENLKEKGP QNATDSYVHK QYPANQGQEV EYFVAGTHPY PPGPGVALTA DTKIQRMPSE SAAQSLAVAL PLQTKADANR TAPSGSEYRH PGASDRPQPT AMNSIVMETG NTKNSALMAK KAPTMPKPQW HPPWKLYRVI SGHLGWVRCI AVEPGNQWV TGSADRTIKI WDLASGKLL SLTGHISTVR GVIVSTRSPY LFSCGEDKQV KCWDLEYNKV IRHYHGHLA VYGLDLHPTI DVLVTCRDS TARIWDVRTK ASVHTLSGHT NAVATVRCQA AEPQITGSH DTTIRLWDLV AGKTRVTLTN HKKSVRAVVL HPRHYTFASG SPDNIKQWKF PDGSFIQNLS GHNAIINTLT VNSDGVLVSG ADNGTMHLWD WRTGYNFQRV HAAVQPGSLD SESGIFACAF DQSESRLTA EADKTIKVYR EDDTATEETH PVSWKPEIHK RKRF 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.</p>

Product Details

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PLRG1
Alternative Name:	PLRG1 (PLRG1 Products)
Background:	<p>Pleiotropic regulator 1,FUNCTION: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:28502770, PubMed:28076346). Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing (PubMed:11101529, PubMed:11544257). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable).</p> <p>{ECO:0000269 PubMed:11101529, ECO:0000269 PubMed:11544257, ECO:0000269 PubMed:28076346, ECO:0000269 PubMed:28502770, ECO:0000305 PubMed:33509932}.</p>
Molecular Weight:	57.2 kDa
UniProt:	O43660

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a 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