

Datasheet for ABIN7554337

LLGL2 Protein (AA 1-1020) (His tag)



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Overview

Quantity:	1 mg
Target:	LLGL2
Protein Characteristics:	AA 1-1020
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LLGL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LLGL2 Protein expressed in mammalian cells.
Sequence:	<p>MRRFLRPGHD PVRERLKRDL FQFNKTVEHG FPHQPSALGY SPSLRILAIG TRSGAIKLYG</p> <p>APGVEFMGLH QENNAVTQIH LLPGQCQLVT LLDDNSLHLW SLKVKGASE LQEDESFTLR</p> <p>GPPGAAPSAT QITVVLPHSS CELLYLGTES GNVFVQLPA FRALEDRTIS SDAVLQRLPE</p> <p>EARHRRVFEM VEALQEHPRD PNQILIGYSR GLVVIWDLQG SRVLYHFLSS QQLENIWWQR</p> <p>DGRLLVSCHS DGSYCQWPVS SEAQQPEPLR SLVPYGPFPK KAITRILWLT TRQGLPFTIF</p> <p>QGGMPRASYG DRHCISVIHD GQQTAFDFTS RVIGFTVLTE ADPAATFDDP YALVVLAEEE</p> <p>LVVIDLQTAG WPPVQLPYLA SLHCSAITCS HHVSNIPKL WERIHAAGSR QNAHFSTMEW</p> <p>PIDGGTSLTP APPQRDLLLL GHEDGTVRFW DASGVCLRL YKLSTVRVFL TDTDPNENFS</p> <p>AQGEDEWPPL RKGVSFDPPS DDPRLGIQKI FLCKYSGYLA VAGTAGQVLV LELNDEAAEQ</p> <p>AVEQVEADLL QDQEGYRWKG HERLAARSGP VRFEPGFQPF VLVQCQPPAV VTSALHSEW</p> <p>RLVAFGTSHG FGLFDHQRR QVFKCTLHP SDQLALEGPL SRVKSLLKSL RQSFRRMRRS</p> <p>RVSSRKHPA GPPGEAQEGS AKAERPGLQN MELAPVQRKI EARSAEDSFT GFVRTLYFAD</p>

Product Details

TYLKDSSRHC PSLWAGTNGG TIYAFSLRVP PAERRMDEPV RAEQAKEIQL MHRAPVVGIL
VLDGHSVPLP EPLEVAHDLS KSPDMQGSHQ LLVVSEEQFK VFTLPKVS AK LKLKLT ALEG
SRVRRVSAH FGSRR AEDYG EHHLAVLTNL GDIQV VSLPL LKPQVRYSCI RREDVSGIAS
CVFTKYGQGF YLISPSEFER FSLSTKWLVE PRCLVDSAET KNHRPGNGAG PKKAPSRARN
SGTQSDGEEK QPGLVMERAL LSDERVLKEI QSTLEGDRGS GNWRSHRAAV GCSLSNGGAE

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.

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:	LLGL2
Alternative Name:	LLGL2 (LLGL2 Products)
Background:	LLGL scribble cell polarity complex component 2 (HGL) (Lethal(2) giant larvae protein homolog 2),FUNCTION: Part of a complex with GPSM2/LGN, PRKCI/aPKC and PARD6B/Par-6, which may ensure the correct organization and orientation of bipolar spindles for normal cell division.

Target Details

	This complex plays roles in the initial phase of the establishment of epithelial cell polarity. {ECO:0000269 PubMed:15632202}.
Molecular Weight:	113.4 kDa
UniProt:	Q6P1M3
Pathways:	WNT Signaling

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