

Datasheet for ABIN7561232

## LRRC34 Protein (AA 1-415) (His tag)



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### Overview

Quantity:	1 mg
Target:	LRRC34
Protein Characteristics:	AA 1-415
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC34 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant Lrrc34 Protein expressed in mammalian cells.
Sequence:	<p>MEKLQAQYCY LCSNIRKTN PFILNILQKL DEEIEKRPKE KFTVNIAGNN RLDGQQRITG</p> <p>EDFWLLSKTL RNQPCISGVD VRYNLIGDVG AFYAAKLLQK QPSITYLNLM FNDIGPEGGE</p> <p>LIAKALHKNK TLKYLRMTGN KIENTGGMLF AAMLQMNSSL EKLDLGDCDL GLQCUIAFST</p> <p>VLTQNQAIKG INLNRPIYG EQEESTVHIG HMLKENHVLV ELHMCKHGMK NYGLQQLCNA</p> <p>LYLNSSLRYL DVSCNKITRD GMVFLADVLE SNTTLEVLDL SFNRIETAGA KYLSETLTSH</p> <p>NRSLKALSVV SNKIEGEGLV ALSQSMKTNL VLSNIYIWN KFDDETCVAY SDLIKSGRLK</p> <p>PDNTDVEPYM VDEHIYLSV SNGLKRHYW APTYGETYMP SSSAGFALVP VGEHL <b>Sequence</b></p> <p><b>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.</b></p>
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.

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	LRRC34
Alternative Name:	Lrrc34 ( <a href="#">LRRC34 Products</a> )
Background:	<p>Leucine-rich repeat-containing protein 34,FUNCTION: Highly expressed in stem cells where it may be involved in regulation of pluripotency. In embryonic stem cells (ESCs), important for normal expression of the pluripotency regulators POU5F1/OCT4 and KLF4. Also important for expression of the ectodermal marker gene NES and the endodermal marker gene GATA4. Promotes stem cell proliferation in vitro. {ECO:0000269 PubMed:24991885}.</p>
Molecular Weight:	46.6 kDa
UniProt:	<a href="#">Q9DAM1</a>

## 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