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Datasheet for ABIN7561595

**LTB4R2 Protein (AA 1-360) (His tag)**

## Overview

Quantity:	1 mg
Target:	LTB4R2
Protein Characteristics:	AA 1-360
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LTB4R2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Ltb4r2 Protein expressed in mammalian cells.
Sequence:	<p>MSVCYRPPGN ETLLSWKGSR ATGTAFLLLA ALLGLPGNGF VVWSLAGWRP TAGRPLAATL VLHLALADGA VLLLTPLFVA FLSQEAWPLG QVGCKAVYYV CALSMYASVL LTGLLSLQRC LAVTRPFLAP RLRSPALARR LLLGVWLAAL VLAVPAAVYR HLWGGRVCQL CHPSPVHAAA HLSLETLTAF VLPFGTVLGC YGVTLARLRG ARWGSGRQGT RVGRLVSAIV LAFGLLWAPY HAVNLLQAVA ALAPPEGPLA RLGAGQAAR AGTTALAFFS SSVNPVLYVF TAGDLLPRAG PRFLTRLFEG SGEARGGSRS REGTMELRRT PKLKVMGQGR GNGDPGGGDG GKTEKDSQEW</p> <p><b>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.</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.
Characteristics:	Key Benefits:

## Product Details

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- 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.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	LTB4R2
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Alternative Name:	Ltb4r2 ( <a href="#">LTB4R2 Products</a> )
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Background:	Leukotriene B4 receptor 2 (LTB4-R 2) (LTB4-R2) (Leukotriene B4 receptor BLT2),FUNCTION: Low-affinity receptor for leukotrienes including leukotriene B4. Mediates chemotaxis of granulocytes and macrophages. The response is mediated via G-proteins that activate a phosphatidylinositol-calcium second messenger system (By similarity). {ECO:0000250}.
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Molecular Weight:	37.9 kDa
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UniProt:	<a href="#">Q9JJL9</a>
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Pathways:	<a href="#">cAMP Metabolic Process</a>
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## Application Details

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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.
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Restrictions:	For Research Use only
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## Handling

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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