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Datasheet for ABIN7544153
TBXA2R Protein (AA 1-343) (His tag)

Overview

Quantity:	1 mg
Target:	TBXA2R
Protein Characteristics:	AA 1-343
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TBXA2R protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant TBXA2R Protein expressed in mammalian cells.
Sequence:	MWPNGSSLGP CFRPTNITLE ERRLIASPWF AASFCVVGLA SNLLALSULA GARQGGSHTR SSFLTFLCGL VLTDFLGLLV TGTIVVSQHA ALFEWHA VDP GCRLCRFMGV VMIFFGLSPL LLGAAMASER YLGITRPF SR PAVASQRRRAW ATVGLVWAAA LALGLLPLL G VGRYTVQYPG SWCFLT LGAE SGDVAFGLLF SMLGGLSVGL SFLNNTVSVA TLCHVYHGQE AAQQRPRDSE VEMMAQLLGI MVASVCWLP LLVFIAQTVL RNPPAMSPAG QLSRTTEKEL LIYLRVATWN QILDPPWVYIL FRRAVLRRLQ PRLSTRPRSL SLQPQLTQRS GLQ 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:	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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	TBXA2R
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Alternative Name:	TBXA2R (TBXA2R Products)
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Background:	Thromboxane A2 receptor (TXA2-R) (Prostanoid TP receptor),FUNCTION: Receptor for thromboxane A2 (TXA2), a potent stimulator of platelet aggregation. The activity of this receptor is mediated by a G-protein that activates a phosphatidylinositol-calcium second messenger system. In the kidney, the binding of TXA2 to glomerular TP receptors causes intense vasoconstriction. Activates phospholipase C. {ECO:0000269 PubMed:8613548}., FUNCTION: [Isoform 1]: Activates adenylyl cyclase. {ECO:0000269 PubMed:8613548}., FUNCTION: [Isoform 2]: Inhibits adenylyl cyclase. {ECO:0000269 PubMed:8613548}.
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Molecular Weight:	37.4 kDa
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UniProt:	P21731
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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.
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Application Details

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