

Datasheet for ABIN7545143  
**XKR4 Protein (AA 1-650) (His tag)**



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## Overview

Quantity:	1 mg
Target:	XKR4
Protein Characteristics:	AA 1-650
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XKR4 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant XKR4 Protein expressed in mammalian cells.
Sequence:	MAAKSDGRLK MKKSSDVAFT PLQNSDHSGS VQGLAPGLPS GSGAEDEEAA GGGCCPDGGG CSRCCCCCAG SGGGAGSGGS GGVAGPGGGG AGSAALCLRL GREQRRYSLW DCLWILAAVA VYFADVGTDV WLAVDYYLRG QRWWFGLTLF FVVLGSLSVQ VFSFRWFVHD FSTEDSATAA AASSCPQPGA DCKTVVGGGS AAGEGEARPS TPQRQASNAS KSNIAAANSN SNSSGATRAS GKHRSASCSF CIWLLQSLIH ILQLGQIWRY FHTIYLGIRS RQSGENDRWR FYWKMVYEYA DVSMHLHLLAT FLESAPQLVL QLCIIVQTHS LQALQGFTAA ASLVSLAWAL ASYQKALRDS RDDKKPISYM AVIIQFCWHF FTIAARVITF ALFASVFQLY FGIFIVLHWC IMTFWIVHCE TEFCITKWEI IVFDMVVGII YIFSWFNVKE GRTRCRLFIY YFILLENTA LSALWYLYKA PQIADAFaip ALCVVVFSSFL TGVVFMVMYY AFFHPNGPRF GQSPSCACED PAAAFITLPPD VATSTLRIS NNRSVSDRD QKFAERDGCV PVFQVRPTAP STPSSRPRI EESVIKIDLF RNRYPPOWERH VLDRSLRKAI LAFECSPSP RLQYKDDALI QERLEYETTL <b>Sequence without tag.</b> <b>The proposed Purification-Tag is based on experiences with the expression system, a</b>

## Product Details

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**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:

- 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)

Grade: custom-made

## Target Details

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Target: XKR4

Alternative Name: XKR4 ([XKR4 Products](#))

Background: XK-related protein 4 (hXKR4) [Cleaved into: XK-related protein 4, processed form],FUNCTION: [XK-related protein 4, processed form]: Phospholipid scramblase that promotes phosphatidylserine exposure on apoptotic cell surface (PubMed:25231987, PubMed:33725486). Phosphatidylserine is a specific marker only present at the surface of apoptotic cells and acts as a specific signal for engulfment (PubMed:25231987, PubMed:33725486). {ECO:0000269|PubMed:25231987, ECO:0000269|PubMed:33725486}.

Molecular Weight: 71.5 kDa

UniProt: [Q5GH76](#)

## 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

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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