

Datasheet for ABIN7551165
PVRIG Protein (AA 1-326) (His tag)



[Go to Product page](#)

3 Images

Overview

Quantity:	1 mg
Target:	PVRIG
Protein Characteristics:	AA 1-326
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PVRIG protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PVRIG Protein expressed in mammalian cells.
Sequence:	<p>MRTEAQVPAL QPPEPGLEGA MGHRTLVLPLW VLLTLCVTAG TPEVWVQVRM EATELSSFTI</p> <p>RCGFLGSGSI SLVTVSWGGP NGAGGTTLAV LHPERGIRQW APARQARWET QSSISLILEG</p> <p>SGASSPCANT TFCKKFASFP EGSWEACGSL PPSSDPGLSA PPTPAPILRA DLAGILGVSG</p> <p>VLLFGCVYLL HLLRRHKHRP APRLQPSRTS PQAPRARAWA PSQASQAALH VPYATINTSC</p> <p>RPATLDTAHP HGGPSWWASL PTHAAHRPQG PAAWASTPIP ARGSEFVSVEN GLYAQAGERP</p> <p>PHTGPGLTLF PDPRGPRAME GPLGVR 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.</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

- 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

Target:	PVRIG
Alternative Name:	PVRIG (PVRIG Products)
Background:	Transmembrane protein PVRIG (CD112 receptor) (CD112R) (Poliovirus receptor-related immunoglobulin domain-containing protein),FUNCTION: Cell surface receptor for NECTIN2. May act as a coinhibitory receptor that suppresses T-cell receptor-mediated signals. Following interaction with NECTIN2, inhibits T-cell proliferation. Competes with CD226 for NECTIN2-binding. {ECO:0000269 PubMed:26755705}.
Molecular Weight:	34.3 kDa
UniProt:	Q6DKI7

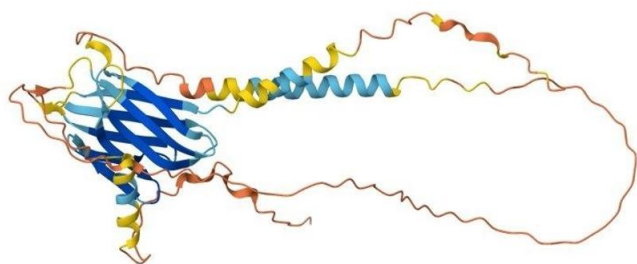
Application Details

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

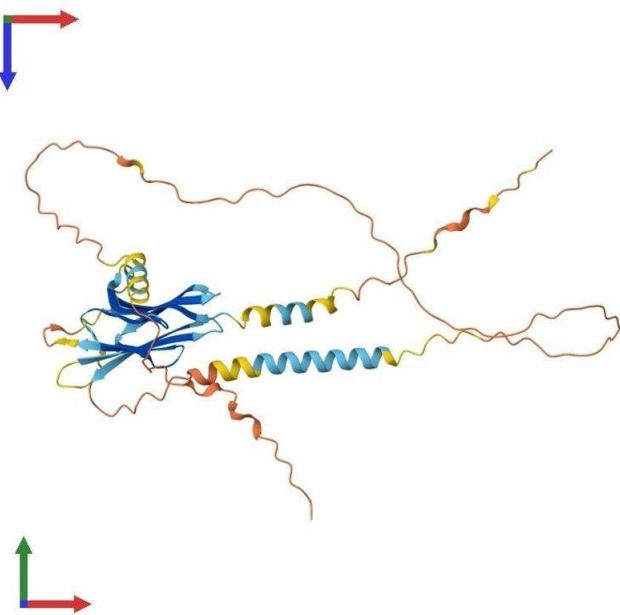
Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

Images



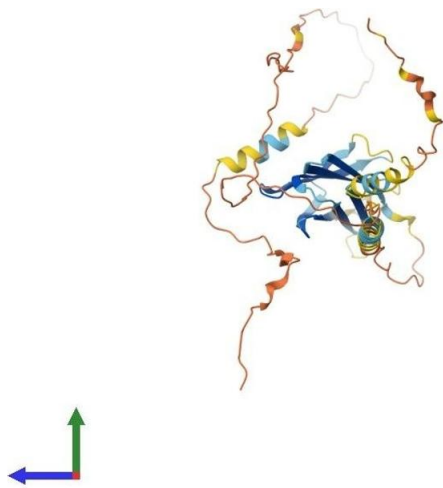
Protein Structure

Image 1. AlphaFold protein structure prediction of Human Recombinant PVRIG Protein, UniprotID Q6DKI7



Protein Structure

Image 2. AlphaFold protein structure prediction of Human Recombinant PVRIG Protein, UniprotID Q6DKI7



Protein Structure

Image 3. AlphaFold protein structure prediction of Human Recombinant PVRIG Protein, UniprotID Q6DKI7