

Datasheet for ABIN7563096  
**DRD3 Protein (AA 1-446) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DRD3
Protein Characteristics:	AA 1-446
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DRD3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Drd3 Protein expressed in mammalian cells.
Sequence:	<p>MAPLSQISSH INSTCGAENS TGVNRARPHA YYALSYCALI LAIFGNGLV CAAVLRERAL            QTTTNYLVVS LAVADLLVAT LVMPWVVYLE VTGGVWNFSR ICCDVFTLD VMMCTASILN            LCAISIDRYT AVVMPVHYQH GTGQSSCRRV ALMITAVWVL AFAVSCPLLF GFNTTGDPSI            CSISNPDFVI YSSVVSFYVP FGVTVLVYAR IYMLVRQRRR KRILTRQNSQ CISIRPGFPQ            QSSCLRLHPI RQFSIRARFL SDATGQMEHI EDKPYPQKCQ DPLLHLQPL SPGQTHGELK            RYYSICQDTA LRHPNFEGGG GMSQVERTRN SLSPTMAPKL SLEVRKLSNG RLSTSLKLGP            LQPRGVPLRE KKATQMMVIV LGAFIVCWLP FFLTHVLNTH CQACHVSPEL YRATTWLGYY            NSALNPVIYT TFNIEFRKAF LKILSC</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>
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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

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Target:	DRD3
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Alternative Name:	Drd3 ( <a href="#">DRD3 Products</a> )
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Background:	D(3) dopamine receptor (Dopamine D3 receptor),FUNCTION: Dopamine receptor whose activity is mediated by G proteins which inhibit adenylyl cyclase. Promotes cell proliferation (By similarity). {ECO:0000250}.
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Molecular Weight:	49.7 kDa
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UniProt:	<a href="#">P30728</a>
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Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of G-Protein Coupled Receptor Protein Signaling</a> , <a href="#">Proton Transport</a> , <a href="#">Negative Regulation of Transporter Activity</a>
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## Application Details

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Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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