

Datasheet for ABIN7561107
CYP2C55 Protein (AA 1-490) (His tag)



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Overview

Quantity:	1 mg
Target:	CYP2C55
Protein Characteristics:	AA 1-490
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYP2C55 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cyp2c55 Protein expressed in mammalian cells.
Sequence:	MDPVLVLVLT LSCLLLLSLW RQNSGRGKLP PGPTPFPIIG NILQIDIKNI SKSFNYFSKV YGPVFTLYFG SKPTVVVHGY EAVKEALDDL GEEFSGRGSF QIFERINNDL GVIFSNGTKW KELRRFSIMT LRSFGMGKRS IEDRIQEEAS CLVEELRKAN GSLCDPTFIL SCAPSNVICS VIFHNRFDYK DEKFLNLMER LNFENFKILNS PWMQVYNALP TLINYLPESH NKVIKNFTEI KSYILGRVKE HQTLDMDNP RDFIDCFLIK MEQEKHNPHS EFTIESLMAT VTDIFVAGTE TTNITLRYGL LLLLKHTEVT AKVQAEIDHV IGRHRSPCMQ DRTRMPYTDV MVHEIQRYID LIPNNVPHAA TCNVRFRSYF IPKGTELVTS LTSVLHDDKE FPNPEVDFPG HFLDENGFK KSDYFMPFSI GKRMVGEAL ARTEFLILT TILQNFNLKS LVDTKDIDTT PVANTFGRVP PSYQLYFIPR 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

Product Details

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

Target:

CYP2C55

Alternative Name:

Cyp2c55 ([CYP2C55 Products](#))

Background:

Cytochrome P450 2C55 (EC 1.14.14.1) (CYP11C55),FUNCTION: Metabolizes arachidonic acid mainly to 19-hydroxyeicosatetraenoic acid (HETE). {ECO:0000269|PubMed:15102943}.

Molecular Weight:

56.1 kDa

UniProt:

[Q9D816](#)

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