

Datasheet for ABIN7562325
HSD3B6 Protein (AA 1-373) (His tag)



[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 1 mg |
| Target: | HSD3B6 |
| Protein Characteristics: | AA 1-373 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This HSD3B6 protein is labelled with His tag. |

Product Details

| | |
|------------------|--|
| Purpose: | Custom-made recombinant Hsd3b6 Protein expressed in mammalian cells. |
| Sequence: | <p>MPGWSCLVTG AGGFLGQRIV QLLMQEKDLE EIRVLDKFFR PETREQFFNL DTNIKVTVLE GDILDTQYLR KACQGISVVI HTAAVIDVTG VIPRQTILDV NLKGTQNLLE ACIQASVPAF IFSSSDVDVAG PNSYKEIILN GNEEEHHESI WSDPYPYSKK MAEKAVLAAN GSMLKIGGTL HTCALRPMYI YGERSPFISN TIITALKNKN ILGCTGKFST ANPVYVG NVA WAHILAARGL RDPKSPNIQ GEFYISDDT PHQSYDDLNY TLSKEWGFPC DSSWSLPVPL LYWLAFMLET VSFLLSPIYR FIPPFNRHLV TLTGSTFTFS YKKAQRDLGY EPLVSWEAK QKTSEWIGTL VEQHRETLDT KSK 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: | HSD3B6 |
| Alternative Name: | Hsd3b6 (HSD3B6 Products) |
| Background: | 3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type 6 (EC 1.1.1.-) (3 beta-hydroxysteroid dehydrogenase/Delta 5-->4-isomerase type VI) (3-beta-HSD VI) [Includes: 3-beta-hydroxy-Delta(5)-steroid dehydrogenase (EC 1.1.1.145) (3-beta-hydroxy-5-ene steroid dehydrogenase) (Progesterone reductase), Steroid Delta-isomerase (EC 5.3.3.1) (Delta-5-3-ketosteroid isomerase)],FUNCTION: 3-beta-HSD is a bifunctional enzyme, that catalyzes the oxidative conversion of Delta(5)-ene-3-beta-hydroxy steroid, and the oxidative conversion of ketosteroids. The 3-beta-HSD enzymatic system plays a crucial role in the biosynthesis of all classes of hormonal steroids. May be involved in local production of progesterone. |
| Molecular Weight: | 42.0 kDa |
| UniProt: | O35469 |

Application Details

| | |
|--------------------|--|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for |
|--------------------|--|

Application Details

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
