



Recombinant Human HSD11B1 Protein Product Manual

1. Product Basic Information

Product No.: REP07149

Protein Name: 7-Oxosteroid Reductase (HSD11B1)

Aliases: HDL; 11-DH; HSD11; HSD11B; HSD11L; CORTRD2; SDR26C1; 11-beta-HSD1; 7-oxosteroid reductase

UniProt ID: P28845

UniProt Link: <https://www.uniprot.org/uniprotkb/P28845/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (25-292aa)

Molecular Weight: 39.3 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (25-292aa)

EEFRPEMLQGKKVIVTGASKGIGREMAYHLAKMGAAHVVVVTARSKETLQKVVSCHLE
LGAASAHYIAGTMEDMTFAEQFVAQAGKLMGGLDMLILNHITNTSLNLFHDDIHHVR
KSMEVNFLSYVVLTVAAALPMLKQSNGSIVVSSLAGKVAYPMVAAYSASKFALDGF
FSSIRKEYSVSRVNVSITLCVLGLIDTETAMKAVSGIVHMQAAPKEECALEIIKGGALR
QEEVYYDSSLWTTLLIRNPCRKILEFLYSTSYNMDRFINK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the



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protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human HSD11B1 partial protein (25-292aa) expressed in E.coli. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. HSD11B1, also known as HDL or 11-DH or HSD11, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.