

Product datasheet

Recombinant Human Steroid sulfatase protein ab152197

[1 Image](#)

Description

Product name	Recombinant Human Steroid sulfatase protein
Expression system	Wheat germ
Accession	<u>P08842</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence

MPLRKMKIPFLLFFLWEAESHAASRPNIILVMADDLGIGD
PGCYGNKTI
RTPNIDRLASGGVKLQHLAASPLCTPSRAAFMTGRYPVR
SGMASWSRTG
VFLTASSGGLPTDEITFAKLLKDQGYSTALIGKWHLGMSC
HSKTDFCHH
PLHHGFNYFYGISLTNLRDCKPGEESVFTTGFKRLVFLPLQ
VGVTLTL
AALNCLGLLHVPLGVFFSLLFLAALILTLFLGFLHYFRPLNC
FMMRNYEI
IQQPMSYDNLQRLTVEAAQFIQRNTETPFLLVLSYLVHVT
ALFSSKDFA
GKSQHGVDYGDVEEMDWSVGQILNLLDELRLANDTLIYFT
SDQGAHVEEV
SSKGEIHGGSNIGYKGGKANNWEGGIRVPGILRWPRVIAQ
GQKIDEPTSN
MDIFPTVAKLAGAPLPEDRIIDGRDLMPLEGGKSQRS DHE
FLFHYCNAYL
NAVRWHPQNSTSMWKAFFFTPNFNPVGSNGCFATHVCFC
FGSYVTHHDPP
LLFDISKDPRERNPLTPASEPRFYEILKVMQEAADRHTQTL
PEVPDQFSW
NNFLWKPWLQLCCPSTGLSCQCDREKQDKRLSR

Predicted molecular weight	92 kDa including tags
Amino acids	1 to 583

Specifications

Our **Abpromise guarantee** covers the use of **ab152197** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot ELISA
Form	Liquid
Additional notes	

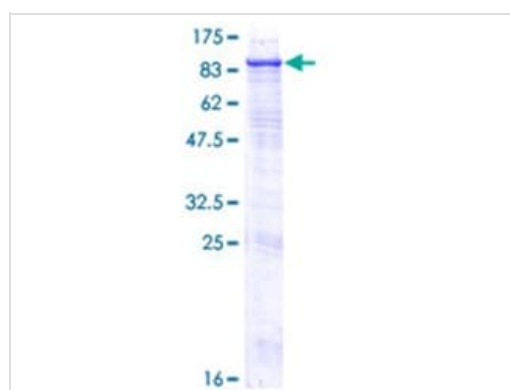
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Conversion of sulfated steroid precursors to estrogens during pregnancy.
Involvement in disease	Defects in STS are the cause of ichthyosis X-linked (IXL) [MIM:308100]. Ichthyosis X-linked is a keratinization disorder manifesting with mild erythroderma and generalized exfoliation of the skin within a few weeks after birth. Affected boys later develop large, polygonal, dark brown scales, especially on the neck, extremities, trunk, and buttocks.
Sequence similarities	Belongs to the sulfatase family.
Post-translational modifications	The conversion to 3-oxoalanine (also known as C-formylglycine, FGly), of a serine or cysteine residue in prokaryotes and of a cysteine residue in eukaryotes, is critical for catalytic activity.
Cellular localization	Endoplasmic reticulum membrane.

Images



12.5% SDS-PAGE analysis of ab152197 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Steroid sulfatase protein (ab152197)

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