

Product datasheet

Recombinant Human Steroid sulfatase protein
ab152197

1 Image

Description

Product name	Recombinant Human Steroid sulfatase protein
Expression system	Wheat germ
Accession	P08842
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MPLRKMKIPFLLFFLWEAESHAASRPNIILVMADDLGIGD PGCYGNKTI RTPNIDRLASGGVKLTQHAAASPLCTPSRAAFMTGRYPVR SGMASWSRTG VFLFTASSGGLPTDEITFAKLLKDQGYSTALIGKWHLGMSC HSKTDFCHH PLHHGFNYFYGISLTNLRDCKPGEESVFTTGFKRLVFLPLQ IGVTLTLL AALNCLGLLHVPLGVFFSLLFLAALILTLFLGFLHYFRPLNC FMMRNYEI IQQMSYDNLQRLTVEAAQFIQRNTEPFLLVLSYLHVHT ALFSSKDFA GKSQHGVIYGDAVEEMDWSVGQILNLLDELRLANDTLIYFT SDQGAHVVEEV SSKGEIHGGSNIGYKGGKANNWEGGIRVPGILRWPRVIAQ GQKIDEPTSN MDIFPTVAKLAGAPLPEDRIIDGRDLMPLLEGKSQRSDEH FLFHYCNAYL NAVRWHPQNSTSMWKAFFFTPNFNPVGSNGCFATHVCFC FGSYVTHDPP LLDISKDPRERNPLTPASEPRFYEILKVMQEADRHTQTL PEVPDQFSW NNFLWKPWLQLCCPSTGLSCQCDREKQDKRLSR</p>
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	

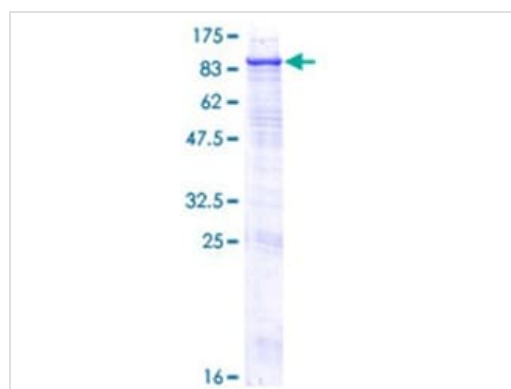
Preparation and Storage

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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