abcam

Product datasheet

Recombinant Human TSPYL1 protein ab159753

1 Image

Description

Product name	Recombinant Human TSPYL1 protein
Expression system	Wheat germ
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSGLDGVKRTTPLQTHSIIISDQVPSDQDAHQYLRLRDQSE ATQVMAEPG EGGSETVALPPPPPSEEGGVPQDAAGRGGTPQIRVVGG RGHVAIKAGQEE
Amino acids	1 to 100
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab159753** in the following tested applications.

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

Applications	ELISA Western blot
Form	Liquid
Additional notes	Protein concentration is above or equal to 0.05 mg/ml.

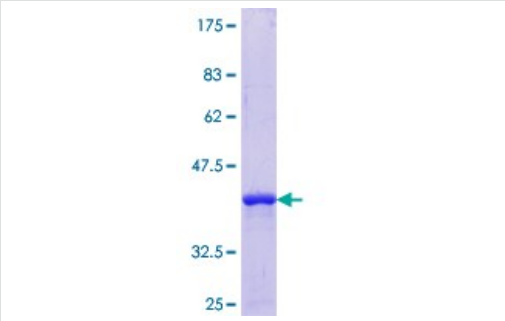
Preparation and Storage

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

General Info

Tissue specificity	Expressed in testis, ovary, liver, spleen, brain, kidney, prostate, lung, liver, and heart.
Involvement in disease	Defects in TSPYL1 are the cause of sudden infant death with dysgenesis of the testes syndrome (SIDDT) [MIM:608800]. SIDDT is an autosomal recessive disorder. Affected infants appear normal at birth, develop signs of visceroautonomic dysfunction early in life, and die before 12 months of age of abrupt cardiorespiratory arrest. Features included bradycardia, hypothermia, severe gastroesophageal reflux, laryngospasm, bronchospasm, and abnormal cardiorespiratory patterns during sleep. Genotypic males with SIDDT had fetal testicular dysgenesis and ambiguous genitalia, with findings such as intraabdominal testes, dysplastic testes, deficient fetal testosterone production, fusion and rugation of the gonadal sac, and partial development of the penile shaft. Female sexual development was normal. Affected infants had an unusual staccato cry, similar to the cry of a goat.
Sequence similarities	Belongs to the nucleosome assembly protein (NAP) family.
Cellular localization	Nucleus > nucleolus.

Images



SDS-PAGE - Recombinant Human TSPYL1 protein (ab159753)

ab159753 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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