abcam

Product datasheet

Recombinant Human SHOX2 protein ab112350

1 Image

Description

Product name	Recombinant Human SHOX2 protein
Expression system	Wheat germ
Accession	O60902
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	SPELKDRKDDAKGMEDEGQTKIKQRRSRTNFTLEQLNEL ERLFDETHYPD AFMREELSQRLGLSEARVQVWFQNRRAKCRKQENQLHK
Predicted molecular weight	35 kDa including tags
Amino acids	117 to 204
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab112350** 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 ELISA Western blot
Form	Liquid
Additional notes	Best use within three months from the date of receipt of this protein.

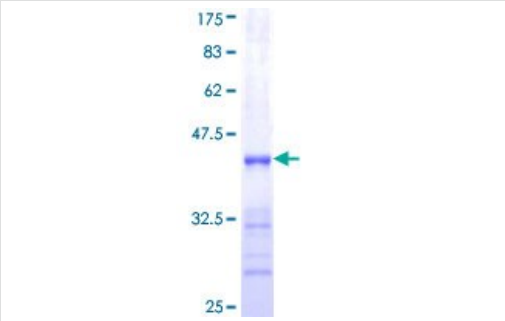
Preparation and Storage

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

Function	May be a growth regulator and have a role in specifying neural systems involved in processing somatosensory information, as well as in face and body structure formation.
Tissue specificity	Expressed in heart, skeletal muscle, liver, lung, bone marrow fibroblast, pancreas and placenta.
Sequence similarities	Belongs to the paired homeobox family. Bicoid subfamily. Contains 1 homeobox DNA-binding domain.
Developmental stage	Expressed during cranofacial development as well as in heart.
Cellular localization	Nucleus.

Images



SDS-PAGE - Recombinant Human SHOX2 protein (ab112350)

ab112350 analysed on a 12.5% SDS-PAGE gel 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
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors