# abcam

# Product datasheet

# Recombinant Human ROX protein ab183233

## 1 Image

**Description** 

Product name Recombinant Human ROX protein

Purity > 90 % SDS-PAGE.

ab183233 was purified using conventional chromatography.

Expression system Escherichia coli

Accession Q8IUF8

Protein length Full length protein

Animal free No

Nature Recombinant

**Species** Human

**Sequence** MGSSHHHHHH SSGLVPRGSH MPKKAKPTGS

GKEEGPAPCK QMKLEAAGGP SALNFDSPSS

LFESLISPIK TETFFKEFWE QKPLLIQRDD PALATYYGSL

FKLTDLKSLC SRGMYYGRDV NVCRCVNGKK KVLNKDGKAH FLQLRKDFDQ KRATIQFHQP QRFKDELWRI QEKLECYFGS LVGSNVYITP AGSQGLPPHY DDVEVFILQL EGEKHWRLYH

PTVPLAREYS VEAEERIGRP VHEFMLKPGD LLYFPRGTIH QADTPAGLAH STHVTISTYQ NNSWGDFLLD TISGLVFDTA KEDVELRTGI PRQLLLQVES TTVATRRLSG FLRTLADRLE

GTKELLSSDM KKDFIMHRLP PYSAGDGAEL STPGGKLPRL DSVVRLQFKD HIVLTVLPDQ DQSDETQEKM VYIYHSLKNS RETHMMGNEE

ETEFHGLRFP LSHLDALKQI WNSPAISVKD LKLTTDEEKE

SLVLSLWTEC LIQVV

Predicted molecular weight 55 kDa including tags

Amino acids 1 to 465

Tags His tag N-Terminus

Additional sequence information AAH14928

**Specifications** 

Our **Abpromise guarantee** covers the use of **ab183233** in the following tested applications.

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

Applications SDS-PAGE

Form Liquid

Additional notes This product was previously labelled as MINA53

#### **Preparation and Storage**

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -

80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.32% Tris HCI, 0.02% DTT, 10% Glycerol (glycerin, glycerine), 0.88% Sodium

chloride

#### General Info

Function Involved in cellular proliferation. May play an important role in cell growth and survival. May be

involved in ribosome biogenesis, most likely during the assembly process of pre-ribosomal

particles.

Tissue specificity Expressed in liver, skeletal muscle, heart, pancreas, and placenta. Not detected in brain, lung or

kidney. Expressed in several lung cancer tissues, but is barely detected in the adjacent noncancerous tissues. Also highly expressed in several esophageal squamous cell carcinoma

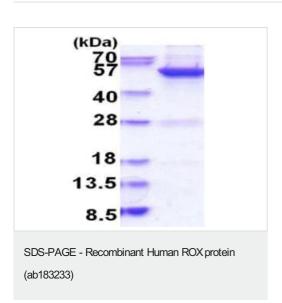
(ESCC), and colon cancer tissues, and in various cancer cell lines.

**Sequence similarities** Belongs to the MINA53/NO66 family.

Contains 1 JmjC domain.

**Cellular localization** Nucleus. Nucleus > nucleolus.

### Images



15% SDS-PAGE analysis of ab183233 (3 µg)

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

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