

Product datasheet

Recombinant Human USP9x protein (Catalytic domain)
 ab205998

1 Image

Description

Product name	Recombinant Human USP9x protein (Catalytic domain)	
Purity	= 80 % SDS-PAGE.	
Expression system	Escherichia coli	
Accession	Q93008	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>TAITTCEALTEWEYLPPVGPRPPKGFVGLKNAGATCYMNS VIQQLYMIPS IRNGILAIEGTGSDVDDDDMSGDEKQDNESNVDPRDDVFG YPQQFEDKPAL SKTEDRKEYNIGVLRHLQVIFGHLAASRLQYYVPRGFWKQ FRLWGEPVNL REQHDALEFFNSLVDSLDEALKALGHPAMLSKVLGGSFA DQKICQGCPHR YECEESFTTLNVDIRNHQNLDSLEQYVKGDLLEGANAYH CEKCNKKVDT VKRLLIKKLPPVLAIQLKRFDYDWERECAIKFNDYFEFPRE LDMEPYTVA GVAKLEGDNVNPESQLIQQSEQSESETAGSTKYRLVGVL VHSGQASGGHY YSYIQRNGGDGERNRWYKFDDGDVTECKMDDDEEMKN QCFGGEYMGEVF DHMMKRMSYRRQKRWWNAYI LFYERMDTIDQDDELIRYSEL</p>	
Predicted molecular weight	51 kDa	
Amino acids	1531 to 1972	
Tags	GST tag C-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab205998** 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

Form Liquid

Preparation and Storage

Stability and Storage Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

Constituents: 0.24% Tris, 0.87% Sodium chloride, 0.2% Beta mercaptoethanol, 10% Glycerol

General Info

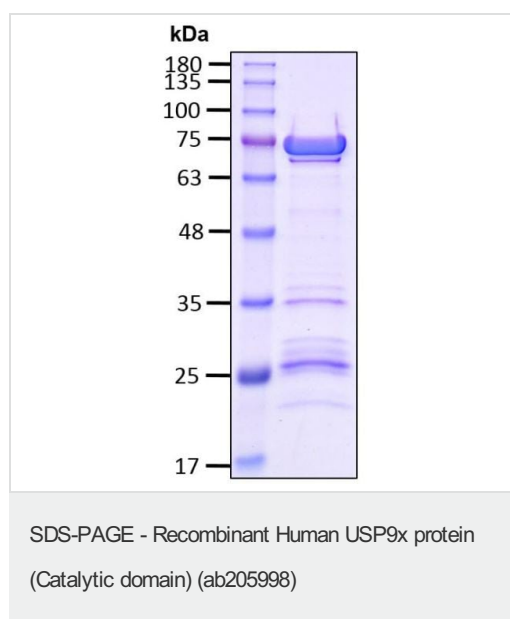
Function Deubiquitinase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. May therefore play an important regulatory role at the level of protein turnover by preventing degradation of proteins through the removal of conjugated ubiquitin. Essential component of TGF-beta/BMP signaling cascade. Regulates chromosome alignment and segregation in mitosis by regulating the localization of BIRC5/survivin to mitotic centromeres. Specifically hydrolyzes both 'Lys-29'- and 'Lys-33'-linked polyubiquitins chains. Specifically deubiquitinates monoubiquitinated SMAD4, opposing the activity of E3 ubiquitin-protein ligase TRIM33.

Tissue specificity Widely expressed in embryonic and adult tissues.

Sequence similarities Belongs to the peptidase C19 family.

Cellular localization Cytoplasm.

Images



SDS-PAGE analysis of ab205998 (5µg).

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

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