

Product datasheet

Recombinant Human Rad51D protein ab177590

1 Image

Description

Product name	Recombinant Human Rad51D protein
Purity	> 90 % SDS-PAGE. ab177590 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O75771</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre> MGSSHHHHHH SSGLVPRGSH MGSMGVLRVG LCPGLTEEMI QLLRSHRIKT VVDLVSADLE EVAQKCGLSY KALVALRRVL LAQFSAFPVN GADLYEELKT STAILSTGIG SLDKLLDAGL YTGEVTEIVG GPGSGKTQVC LCMAANVAHG LQQNVLYVDS NGGLTASRLQ LLLQAKTQDE EEQAEALRRI QVVHAFDIFQ MLDVLQELRG TVAQQVTGSS GTVKVVVVDS VTAVVSPLLQ GQQREGLALM MQLARELKTLD ARDLGMAVVV TNHITRDRDS GRLKPALGRS WFSVPSTRIL LDTIEGAGAS GGRRMACLAK SSRQPTGFQE MVDIGTWGTS EQSATLQGDQ T </pre>
Predicted molecular weight	37 kDa including tags
Amino acids	1 to 328
Tags	His tag N-Terminus
Additional sequence information	(NCBI Accession No. NP_002869).

Specifications

Our **Abpromise guarantee** covers the use of **ab177590** in the following tested applications.

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

Applications	Mass Spectrometry SDS-PAGE
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Mass spectrometry	MALDI-TOF
Form	Liquid

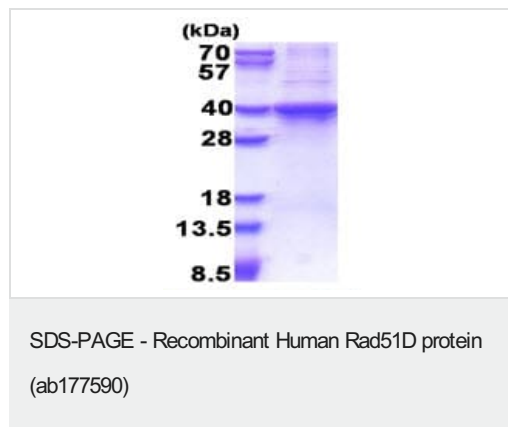
Preparation and Storage

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 HCl, 0.58% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% DTT
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General Info

Function	Involved in the homologous recombination repair (HRR) pathway of double-stranded DNA breaks arising during DNA replication or induced by DNA-damaging agents. The BCDX2 complex binds single-stranded DNA, single-stranded gaps in duplex DNA and specifically to nicks in duplex DNA.
Tissue specificity	Expressed in colon, prostate, spleen, testis, ovary, thymus and small intestine. Weakly expressed in leukocytes.
Sequence similarities	Belongs to the RecA family. RAD51 subfamily.
Cellular localization	Nucleus.

Images



15% SDS-PAGE analysis of ab177590 (3µg).

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

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- Response to your inquiry within 24 hours

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