

Product datasheet

Recombinant Human RCL protein ab100943

1 Image

Description

Product name	Recombinant Human RCL protein	
Purity	> 95 % SDS-PAGE. ab100943 was purified using conventional chromatography techniques.	
Expression system	Escherichia coli	
Accession	O43598	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MGSSHHHHHSSGLVPRGSHMAAAMVPGRSESWERG EPGRPALYFCGSIR GGREDRTLYERMSRLRRFGTVLTEHVAAAELGARGEEAA GGDRLIHEQD LEWLQQADVVAEVTQPSLGVGYELGRAVAFNKRILCLF RPQSGRVLSAM IRGAADGSRFQVWDYEEGEVEALLDRYFEADPPGQVAAS PDPTT</p>	
Predicted molecular weight	21 kDa including tags	
Amino acids	1 to 174	
Tags	His tag N-Terminus	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab100943** 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
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)

General Info**Function**

Catalyzes the cleavage of the N-glycosidic bond of deoxyribonucleoside 5'-monophosphates to yield deoxyribose 5-phosphate and a purine or pyrimidine base. Deoxyribonucleoside 5'-monophosphates containing purine bases are preferred to those containing pyrimidine bases.

Tissue specificity

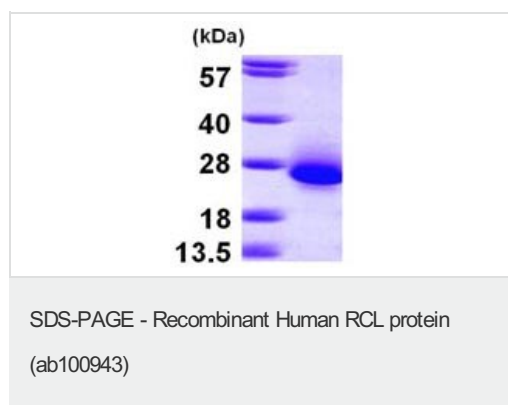
Expressed at low levels in brain, colon, lung, peripheral blood leukocytes, placenta, small intestine, and thymus. Expressed at high levels in heart, kidney, liver, skeletal muscle and spleen. Overexpressed in a significant proportion of breast cancers.

Sequence similarities

Belongs to the deoxyribonucleoside 5'-monophosphate N-glycosidase family.

Cellular localization

Nucleus. Cytoplasm.

Images

15% SDS-PAGE showing ab100943 at approximately 21.2kDa (3µg).

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

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