

Recombinant Human PBRM1/BAF180 protein ab127126

Description

Product name	Recombinant Human PBRM1/BAF180 protein
Purity	> 90 % SDS-PAGE. Purified via His tag
Expression system	Escherichia coli
Accession	<u>Q86U86</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	34 kDa
Amino acids	53 to 345

Specifications

Our **Abpromise guarantee** covers the use of **ab127126** 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	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 0.32% Tris HCl, 0.58% Sodium chloride
Reconstitution	Reconstitute with water to desired concentration.

General Info

Function	Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology). Act as a negative regulator of cell proliferation.
Tissue specificity	Widely expressed.

Involvement in disease	Defects in PBRM1 are a cause of renal cell carcinoma (RCC) [MIM:144700]. It is a heterogeneous group of sporadic or hereditary carcinoma derived from cells of the proximal renal tubular epithelium. It is subclassified into clear cell renal carcinoma (non-papillary carcinoma), papillary renal cell carcinoma, chromophobe renal cell carcinoma, collecting duct carcinoma with medullary carcinoma of the kidney, and unclassified renal cell carcinoma.
Sequence similarities	Contains 2 BAH domains. Contains 6 bromo domains. Contains 1 HMG box DNA-binding domain.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus.

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

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