

PBRM1 recombinant protein

Recombinant PBRM1 (613-734) protein

CATALOG #
AAA59651

HOST
E Coli

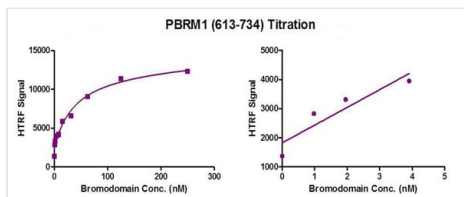
PRODUCT SYNONYMS

PBRM1; Recombinant PBRM1 (613-734) protein; PB1; BAF180; PBRM1 recombinant protein

PRODUCT SPECIFICATIONS

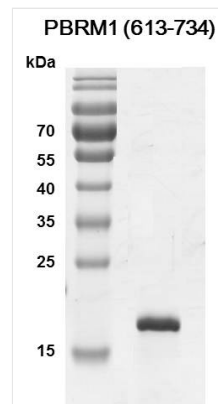
Host	E Coli
Form/Format	Recombinant PBRM1 (613-734) protein expressed in E Coli and supplied in 25mM Tris-HCl pH8.0, 500mM NaCl, 0.04% Triton X-100, 20% glycerol, 1mM TCEP.
Protein Species	Human
Tag	DYKDDDDK-Tag, His-Tag
Notes	Recombinant PBRM1 (613-734) is suitable for use in binding assays, inhibitor screening, and selectivity profiling.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage. Shipping Temp: Dry Ice

IMAGES



Application Data

Recombinant PBRM1 (613-734) HTRF activity assay. 3 uM histone peptide H4K5/8/12/16(4Ac) was incubated with PBRM1 (613-734) protein in reaction buffer including 50mM HEPES-NaOH pH 7.0 and 0.1% BSA for 1 hour at room temperature. Anti-DYKDDDDK antibody was used to detect reaction products.



SDS-PAGE

Recombinant PBRM1 (613-734) protein gel. PBRM1 (613-734) protein was run on a 10% SDS-PAGE gel and stained with Coomassie Blue.

ADDITIONAL INFORMATION

Related Product Information for PBRM1 recombinant protein	Short Description: The peptide corresponding to amino acids 613-734 that contains the bromodomain sequences of PBRM1 (accession number NP_060635.2) was expressed in E Coli and contains an N-terminal His-tag and C-terminal DYKDDDDK tag with an observed molecular weight of 20.513 kDa. Polybromo 1 (PBRM1) protein, also known as BRG1-associated factor 180 (BAF180) is the chromatin targeting subunit of the SWI/SNF-B (PBAF) chromatin remodeling complex that is involved in transcriptional activation and repression of select genes. PBRM1 targets chromatin via its six bromodomains that recognize and bind acetylated histone lysine residues. Bromodomains function as 'readers' of these epigenetic histone marks and regulate chromatin structure and gene expression by linking associated proteins to the acetylated nucleosomal targets. PBRM1 also acts as an inhibitor of cell proliferation and demonstrates tumor suppressing properties in relation to breast, liver and lung cancers. Background: Polybromo 1 (PBRM1) protein, also known as BRG1-associated factor 180 (BAF180) is the chromatin targeting subunit of the SWI/SNF-B (PBAF) chromatin remodeling complex that is involved in transcriptional activation and repression of select genes. PBRM1 targets chromatin via its six bromodomains that recognize and bind acetylated histone lysine residues. Bromodomains function as 'readers' of these epigenetic histone marks and regulate chromatin structure and gene expression by linking associated proteins to the acetylated nucleosomal targets. PBRM1 also acts as an inhibitor of cell proliferation and demonstrates tumor suppressing properties in relation to breast, liver and lung cancers.
Product Categories/Family for PBRM1 recombinant protein	Recombinant Proteins; Bromodomain

NCBI AND UNIPROT INFORMATION

Molecular Weight	Molecular weight of 20.513kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pbrm1-recombinant-protein-e-coli/59651>