

BRPF3 recombinant protein

Recombinant BRPF3 (576-701) protein

CATALOG #
AAA59714

HOST
E Coli

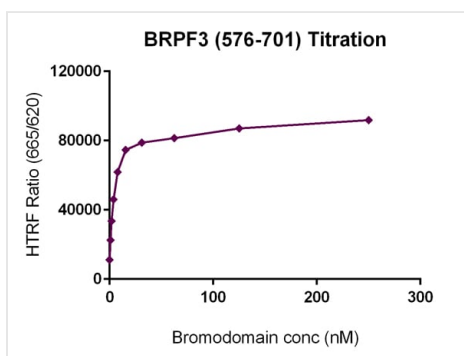
PRODUCT SYNONYMS

BRPF3; Recombinant BRPF3 (576-701) protein; Bromodomain And PHD Finger Containing 3; KIAA1286; BRPF3 recombinant protein

PRODUCT SPECIFICATIONS

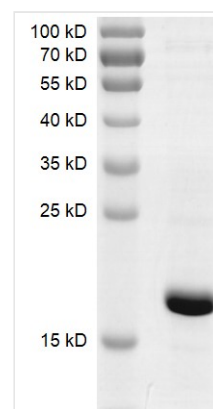
Host	E Coli
Purity/Purification	The recombinant protein is >90% pure by SDS-PAGE.
Form/Format	Recombinant BRPF3 (576-701) protein expressed in E Coli cells and is provided in 25mM Tris pH7.4, 150mM NaCl, 5% glycerol. Please refer to product insert upon arrival for lot-specific concentration.
Protein Species	Human
Tag	DYKDDDDK-Tag, His-Tag
Notes	Recombinant BRPF3 (576-701) 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 BRPF1 (576-701) HTRF activity assay. 3.3 μ M histone peptide H4K5/8/12/16(4Ac) was incubated with BRPF1 (576-701) protein in reaction buffer including 50mM HEPES-NaOH pH 7.0, 0.1% BSA overnight at room temperature. Anti-DYKDDDDK antibody was used to detect reaction products.



SDS-PAGE

Recombinant BRPF3 (576-701) protein gel. BRPF3 (576-701) protein was run on an SDS-PAGE gel and stained with Coomassie blue.

ADDITIONAL INFORMATION

Related Product Information for BRPF3 recombinant protein	Short Description: The peptide corresponding to amino acids 576-701 that contains the bromodomain sequences of BRPF3 (accession number NM_015695.2) was expressed in E Coli and contains an N-terminal His-Tag and C-terminal DYKDDDDK-Tag with an observed molecular weight of 19.7 kDa. The recombinant protein is >90% pure by SDS-PAGE. It is suitable for use in binding assays, inhibitor screening, and selectivity profiling. Background: BRPF3 (Bromodomain and PHD finger containing 3) is a component of the MOZ/MORF histone acetyltransferase (HAT) complex. The acetylation of histone lysine residues plays a crucial role in the epigenetic regulation of gene transcription. Acetylated lysine residues can be recognized by bromodomain. The bromodomains serve as "readers" of histone acetylation marks regulating the transcription of target promoters. There is less study on its function now.
Product Categories/Family for BRPF3 recombinant protein	Recombinant Proteins; Bromodomain

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_015695.2
Molecular Weight	Molecular weight of 19.7kDa

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/brpf3-recombinant-protein-e-coli/59714>