

P97437Hu01
Polybromo 1 (PBRM1)
Organism: Homo sapiens (Human)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
 NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

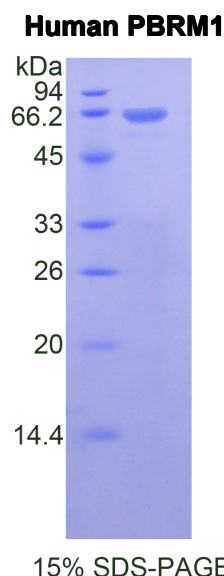
5th Edition (Revised in January, 2013)

[DESCRIPTION]

Protein Names: Polybromo 1
Synonyms: PBRM1, BAF180, PB1
Species: Human
Size: 100µg
Source: *Escherichia coli*-derived
Subcellular Location: Nucleus.

[PROPERTIES]

Residues: Met1~Ala306 (Accession # Q86U86), with N-terminal His-Tag.
Grade & Purity: >95%, 63kDa as determined by SDS-PAGE reducing conditions.
Formulation: Supplied as lyophilized form in PBS, pH 7.4, containing 5% sucrose.
Endotoxin Level: <1.0 EU per 1µg (determined by the LAL method).
Applications: SDS-PAGE; WB; ELISA; IP.
 (May be suitable for use in other assays to be determined by the end user.)
Predicted Molecular Mass: 62.1kDa
Predicted Isoelectric point: 6.5



[PREPARATION]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal His-Tag, its sequence is listed below.

MRNKKFELGL EFPNLPYYID GDVKLTSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL
DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
VVLMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGDHPPKSD
GSTSGSGHHH HHHSAGLVPR GSTAIGMKET AAKFERQHM DSPDLGTLEV
LFQGPLGSEF- MGSKRRRATS PSSSVSGDFD DGHHSVSTPG PSKRRLSN
LPTVDPIAVC HELYNTIRDY KDEQGRLLCE LFIRAPKRRN QPDYYEVVSQ PIDLMKIQQK
LKMEYDDVN LLTADFQLL NNAKSYYKPD SPEYKAACKL WDLYLRTNE FVQKGEADDE
DDDEDGQDNQ GTVTEGSSPA YLKEILEQLL EAIVVATNPS GRLISELFQK LPSKVQYPDY
YAIKEPIDL KTIARIQNG SYKSIHAMAK DIDLLAKNAK TYNEPGSQVF KDANSIKKIF
YMKKAEIEHH EMAKSSLRMR TPSNLA