

Product datasheet for AR51008PU-N

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OriGene Technologies, Inc.

Prohibitin-2 (1-299, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins

Description: Prohibitin-2 (1-299, His-tag) human protein, 0.5 mg

Species: Human
Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMAQNLKD LAGRLPAGPR GMGTALKLLL GAGAVAYGVR ESVFTVEGGH RAIFFNRIGG VQQDTILAEG LHFRIPWFQY PIIYDIRARP RKISSPTGSK DLQMVNISLR

VLSRPNAQEL PSMYQRLGLD YEERVLPSIV NEVLKSVVAK FNASQLITQR AQVSLLIRRE LTERAKDFSL

ILDDVAITEL SFSREYTAAV EAKQVAQQEA QRAQFLVEKA KQEQRQKIVQ AEGEAEAAKM LGEALSKNPG YIKLRKIRAA QNISKTIATS QNRIYLTADN LVLNLQDESF TRGSDSLIKG KK

Tag: His-tag
Predicted MW: 35.7 kDa
Concentration: lot specific

Purity: >85% by SDS - PAGE

Buffer: Presentation State: Purified

State: Liquid purified protein

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Preparation: Liquid purified protein

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

RefSeq: <u>NP 001138303</u>

Locus ID: 11331

 UniProt ID:
 Q99623

 Cytogenetics:
 12p13.31

Synonyms: BAP; Bap37; BCAP37; hBAP; p22; PNAS-141; REA





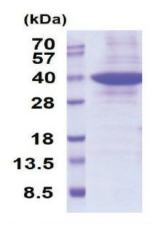
Summary:

Acts as a mediator of transcriptional repression by nuclear hormone receptors via recruitment of histone deacetylases (By similarity). Functions as an estrogen receptor (ER)-selective coregulator that potentiates the inhibitory activities of antiestrogens and represses the activity of estrogens. Competes with NCOA1 for modulation of ER transcriptional activity. In mitochondria, regulates cytochrome-c oxidase assembly (COX) and mitochondrial respiration. Binding to sphingoid 1-phosphate (SPP) modulates its regulator activity (PubMed:20959514).[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome, Transcription Factors

Product images:



15% SDS-PAGE (3ug)