

## Recombinant human E3 ubiquitin-protein ligase MIB1

Catalog No: #AP72212



Package Size: #AP72212-1 20ug #AP72212-2 100ug #AP72212-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human E3 ubiquitin-protein ligase MIB1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:5-332aaSequence Info:Partial
Other Names	DAPK-interacting protein 1 ;DIP-1Mind bomb homolog 1Zinc finger ZZ type with ankyrin repeat domain protein 2
Accession No.	Q86YT6
Uniprot	Q86YT6
GeneID	57534;
Calculated MW	40.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	RNNRVMVEGVGARVVRGPDWKWGKQDGGEGHVGTVRSFESPEEVVVWDNGTAANYRCSGAYDLRILDS APTGIKHDGTMCDTCRQQPIIGIRWKCAECTNYDLCTVCYHGDKHHLRHRFYRITTPGSERVLLSRRKSKKIT ARGIFAGARVVRGVDWQWEDQDGGNGRRGKVTEIQDWSASSPHSAAAYVLWDNGAKNLYRVGFEGMSDLK CVQDAKGGSFYRDHCPVLGEQNGNRNPGGLQIGDLVNIIDLLEIVQSLQHGHHGGWTDGMFETLTTGTVCGI DEDHDIVVQYPSGNRWTFNPAVLTKANIVRSGDAAQGAEGGTSQ
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis. Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation.<sup>1</sup> Publication

## References

Prediction of the coding sequences of unidentified human genes. XVI. The complete sequences of 150 new cDNA clones from brain which code for large proteins in vitro.Nagase T., Kikuno R., Ishikawa K., Hirose M., Ohara O.DNA Res. 7:65-73(2000)Research Topic:Signal Transduction

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Note: This product is for in vitro research use only