

Recombinant Protein-arginine deiminase type-2

Catalog No: #AP73152



Package Size: #AP73152-1 20ug #AP73152-2 100ug #AP73152-3 1mg

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Description

Product Name	Recombinant Protein-arginine deiminase type-2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-665aaSequence Info:Full Length
Other Names	PAD-H19Peptidylarginine deiminase IIProtein-arginine deiminase II
Accession No.	Q9Y2J8
Uniprot	Q9Y2J8
GeneID	11240;
Calculated MW	77.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MLRERTVRLQYGSRVEAVYVLGTYLWTDVYSAAPAGAQTFLSKHSEHVWVEVVRDGEAEVATNGKQRWLL SPSTTLRVMTSQASTEASSDKVTVNYYDEEGSIPIDQAGLFLTAIEISLDVDADRGGVVEKNNPKKASWTWGP EGQGAILLVNCDRETPWLPKEDCRDEKVYSKEDLKDMSQMILRTKGPDRLPAGYEIVLYISMSDSKVGVFYV ENPFFGQRYIHILGRRKLYHVVKYTGGSSELLFFVEGLCFPDEGFSGLVSIHVSLLIYMAQDIPLTPIFTDTVIFRI APWIMTPNILPPVSVFVCCMKDNYLFLKEVKNLVEKTNCELKVCQYLNRGDRWIQDEIEFGYIEAPHKGFV LDSPRDGNLKDVPVKELGPDFGYVTREPLFESVTSLSDFGNLEVPVTVNGKTYPLGRILIGSSFPLSGGRR MTKVVRDFLKAQVQAPVELYSDWLTVGHVDEFMSFVPIPGTKKFLLLMASTSACYKLFREKQKDGHGGEAIM FKGLGGMSSKRITINKILSNESLVQENLYFQRCLDWNRDILKKEGLTEQDIIDLPAFLKMDHRARAFFPNMV NMIVLDKDLGIPKPGPQVEEECCLEMHVRGLLEPLGLECTFIDDISAYHKFLGEVHCCTNVRRKPFTEKWWH MVP
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

Catalyzes the deimination of arginine residues of proteins.

References

Prediction of the coding sequences of unidentified human genes. XIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro.Nagase T., Ishikawa K., Suyama M., Kikuno R., Hirose M., Miyajima N., Tanaka A., Kotani H., Nomura N., Ohara O.DNA Res. 6:63-70(1999)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only