



Recombinant Human Protein-arginine deiminase type-4 (PADI4)

Product Code	CSB-EP890757HU-B
Abbreviation	PADI4
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.
Uniprot No.	Q9UM07
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MAQGTLRVTV PEQPTHAVCV LGTLTQLDIC SSAPEDCTSF SINASPGVVV DIAHGPPAKK KSTGSSTWPL DPGVEVTLTM KVASGSTGDQ KVQISYYGPK TPPVKALLYL TGVEISLCAD ITRTGKVKPT RAVKDQRTWT WGPCGQGAIL LVNCDRDNLE SSAMDCEDDE VLDSEDLQDM SLMTLSTKTP KDFFTNHTLV LHVARSEMDK VRVFQATR GK LSSKCSVVLG PKWPSHYLMV PGGKHNMDFY VEALAFPDTD FPGLITLTIS LLDTSNLELP EAVVFQDSVV FRVAPWIMTP NTQPPQEVYA CSIFENEDFL KSVTTLAMKA KCKLTICPEE ENMDDQWMQD EMEIGYIQAP HKTLPPVVFDS PRNRGLKEFP IKRVMGPDFG YVTRGPQTGG ISGLDSFGNL EVSPPVTVRG KEYPLGRILF GDSCYPSNDS RQMHQALQDF LSAQQVQAPV KLYSDWLSVG HVDEFLSFVP APDRKGFRL L ASPRSCYKL FQEQQNEG HG EALLFEGIKK KKQQKIKNIL SNKTLREHNS FVERCIDWNR ELLKRELGLA ESDIIDIPQL FKLKEFSKAE AFFPNMVNML VLGKHLGIPK PFGPVINGRC CLEEKVCSLL EPLGLQCTFI NDFFTYHIRH GEVHCGTNVR RKPFSFKWWN MVP
Source	E.coli
Target Names	PADI4
Protein Names	Recommended name: Protein-arginine deiminase type-4 EC= 3.5.3.15 Alternative name(s): HL-60 PAD Peptidylarginine deiminase IV Protein-arginine deiminase type IV
Expression Region	1-663
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene is a member of a gene family which encodes enzymes responsible for the conversion of arginine residues to citrulline residues. This gene may play a role in granulocyte and macrophage development leading to inflammation and



immune response.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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