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Datasheet for ABIN4370678
CTSC Protein (AA 17-385) (His tag)

Overview

Quantity:	50 µg
Target:	CTSC
Protein Characteristics:	AA 17-385
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CTSC protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Dipeptidyl-Peptidase 1/DPP1 (C-6His)
Sequence:	DFFRDEAERI MRDSPVIDGH NDLPWQLLDM FNNRLQDERA NLTTLAGTHT NIPKLRAGFV GGQFWSVYTP CDTQNKDAVR RTLEQMDVVH RMCRMYPETF LYVTSSAGIR QAFREGKVAS LIGVEGGHSI DSSLGVLRAL YQLGMRYLTL THSCNTPWAD NWLVDTGDSE PQSQGLSPFG QRVVKELNRL GVLIDLAHVS VATMKATLQL SRAPVIFSHS SAYSVCASRR NVPDDVLRV KQTDSLVMVN FYNNYISCTN KANLSQVADH LDHIKEVAGA RAVGFGGDFD GVPRVPEGLE DVSKYPDLIA ELLRRNWTEA EVK GALADNL LRVFEAVEQA SNLTQAPEEE PIPLDQLGGS CRTHYGYSSV DHHHHHH
Characteristics:	Recombinant Human Dipeptidyl-Peptidase 1/DPP1 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CTSC
Alternative Name:	Dipeptidyl-Peptidase 1 (CTSC Products)
Molecular Weight:	42.1 kDa
UniProt:	P16444

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.