



Recombinant Pyrophosphate-energized proton pump 1 (hppA1)

Product Code	CSB-CF835916RCT
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q93AS0
Product Type	Transmembrane Protein
Immunogen Species	Rhizobium leguminosarum bv. trifolii
Sequence	GSAGLGALVLF AAYANDLSYFAANGDTYPYFKDIGEISFSLANPYVVAGLLFGG LIPYLF GGIAMTAVGKAASAIVEEVRRQFREKPGIMAGTEKPDYGRAVDLLTKAAIREM VIPSLLP VLAPLVVYFGVLLISGSKAF AFAALGAYLLAVIMNRVLVAICMTLVGSS
Source	in vitro E.coli expression system
Target Names	hppA1
Protein Names	Recommended name: Pyrophosphate-energized proton pump 1 EC= 3.6.1.1 Alternative name(s): Membrane-bound proton-translocating pyrophosphatase 1 Pyrophosphate-energized inorganic pyrophosphatase 1 Short name= H(+)- PPase 1
Expression Region	1-169
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
Shelf Life	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.