



Recombinant Haloarcula sp. Cruxrhodopsin-2 (cop2)

Product Code	CSB-CF709584HBAY
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q53496
Product Type	Transmembrane Protein
Immunogen Species	Haloarcula sp. (strain arg-2 / Andes heights)
Sequence	MLQSGMSTYVPGGESIFLWVG TAGMFLGMLYFIARGWSVSDQRRQKFYIATI MIAAIAFV NYLSMALGFGVTTIELGGEERAIYWARYTDWLF TTPLLLYDLALLAGADRNTIY SLVGLD VLMIGTGALATLSAGSGVLPAGAERLVVWGISTGFLLVLLYFLFSNLTDRASEL SGDLQS KFSTLRNLVVLVWL VYPVLWLVGTEGLGLVGLPIETA AFMVLDLTAKIGFGIILLQ SHAV LDEGQTASEGAAVAD
Source	in vitro E.coli expression system
Target Names	cop2
Protein Names	Recommended name: Cruxrhodopsin-2 Short name= COP-2 Short name= CR-2
Expression Region	1-255
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.