



Recombinant *Mesomycoplasma hyopneumoniae* 46 kDa surface antigen (p46)

Product Code	CSB-MP313811MWK
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.	P0C0J7
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	<i>Mycoplasma hyopneumoniae</i> (strain 232)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	CGQ TESGSTSDSK PQAETLKHKV SNDSIRIALT DPDNPRWISA QKDIISYVDE TEAATSTITK NQDAQNNWLT QQANLSPAPK GFIIAPENG GVGTAVNTIA DKGPIVAYD RLITGSDKYD WYVSFDNEKV GELQGLSLAA GLLGKEDGAF DSIDQMNEYL KSHMPQETIS FYTIAGSQDD NNSQYFYNGA MKVLKELMKN SQNKIIDLSP EGENAVYVPG WNYGTAGQRI QSFLTINKDP AGGNKIKAVG SKPASIFKGF LAPNDGMAEQ AITKLKLEGF DTQKIFVTGQ DYNDKAKTFI KDGDNMTIY KPDKVLGKVA VEVLRVLIAK KNKASRSEVE NELKAKLPNI SFKYDNQTYK VQGKNINTIL VSPVIVTKAN VDNPPA
Source	Mammalian cell
Target Names	Name:p46Ordered Locus Names:mhp511
Protein Names	Recommended name: 46 kDa surface antigenAlternative name(s): p46
Expression Region	28-416
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 of Mature Protein
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	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.