



Recombinant *Xenopus laevis* Transmembrane protein 55A (tmem55a)

Product Code	CSB-EP023855XBE-B
Abbreviation	tmem55a
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.	Q5EAU3
Product Type	Recombinant Protein
Immunogen Species	<i>Xenopus laevis</i> (African clawed frog)
Purity	>85% (SDS-PAGE)
Sequence	MAADGIDERSPLISPSSGNVTPPTAPPYIQENNLQAELPPPYTAIASPDAGGVPVI NCRVC QSLINLDGKQLHQHVVKCTVCNEATPIKTPPLGKKYVRCPCNCLLICKDISRRIGC PRPNC RRIINLGPVMLIPEEQPAQPALPVQPDGTRVVCGHCGNTFLWMELRFNTLAKC PHCKKIS SVGSALPRRRRCCTYITMGMICIFIGVGLTVGTQDFARRFHATYVSWAVAYLVGL VCLVRA CYWGAIKFSYPEHSFA
Source	E.coli
Target Names	pip4p2
Protein Names	Recommended name: Transmembrane protein 55A EC= 3.1.3.78 Alternative name(s): PtdIns-4,5-P2 4-Ptase II Type II phosphatidylinositol 4,5-bisphosphate 4-phosphatase
Expression Region	1-256
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
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.