



Recombinant Hemophore HasA (hasA)

Product Code	CSB-MP684482SYN
Abbreviation	hasA
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.	Q54450
Product Type	Recombinant Protein
Immunogen Species	Serratia marcescens
Purity	≥85% (SDS-PAGE)
Sequence	MAFSVNYDSS FGGYSIHDYL GQWASTFGDV NHTNGNVTDA NSGGFYGGSL SGSQYAISS ANQVTAFAVAG GNLTYTLFNE PAHTLYGQLD SLSFGDGLSG GDTSPYSIQV PDVSFGGLNL SSLQAQGHGDG VVHQVVYGLM SGDTGALETA LNGILDDYGL SVNSTFDQVA AATAVGVQHA DSPPELLAA
Source	Mammalian cell
Target Names	hasA
Protein Names	Recommended name: Hemophore HasA Alternative name(s): Heme acquisition system protein A
Expression Region	1-188
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.