Recombinant Mouse Twist-related protein 1 (Twist1)

Product Code	CSB-MP025358MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P26687
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MMQDVSSSPV SPADDSLSNS EEEPDRQQPA SGKRGARKRR SSRRSAGGSA GPGGATGGGI GGGDEPGSPA QGKRGKKSAG GGGGGGAGGG GGGGGGSSSG GGSPQSYEEL QTQRVMANVR ERQRTQSLNE AFAALRKIIP TLPSDKLSKI QTLKLAARYI DFLYQVLQSD ELDSKMASCS YVAHERLSYA FSVWRMEGAW SMSASH
Source	Mammalian cell
Target Names	Twist1
Protein Names	Recommended name: Twist-related protein 1 Alternative name(s): M-twist
Expression Region	1-206
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
Target Details	Basic helix-loop-helix (bHLH) transcription factors have been implicated in cell lineage determination and differentiation. This protein is a bHLH transcription factor and shares similarity with another bHLH transcription factor, Dermo1. The strongest expression of this mRNA is in placental tissue; in adults, mesodermally derived tissues express this mRNA preferentially. Mutations in this gene have been found in patients with Saethre-Chotzen syndrome.
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.