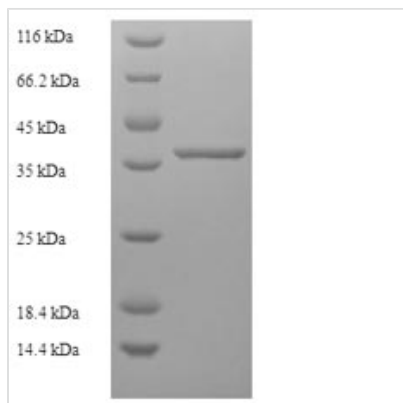




Recombinant Human MLX-interacting protein (MLXIP)

Product Code	CSB-EP862054HU
Relevance	Binds DNA as a heterodimer with MLX and activates transcription. Binds to the canonical E box sequence 5'-CACGTG-3'. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation.
Abbreviation	Recombinant Human MLXIP protein
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.	Q9HAP2
Alias	Class E basic helix-loop-helix protein 36 ;bHLHe36Transcriptional activator MondoA
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MDEQGCEHTSRTEDPFIQPTDFGSPSEPLSVPPPISPVLPVPPPATALNPPAP PTFHQPQKFAGV NKAPSVITH TASATLTHDAPATTFSSQSQGLVITTHHPAPSAA PCGLALSPVTRPPQPRLT FVHPKPVSLTGGRPKQPHKIVPAPKPEPVSLVLKN ARIAPGEPGGETQCGAPPDPEGCFPIPKAFKLVT TTTTLVCTCMRTHIHLNETK VS
Research Area	Transcription
Source	E.coli
Target Names	MLXIP
Expression Region	1-217aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	38.8kDa
Protein Length	Full Length of Isoform 5
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.