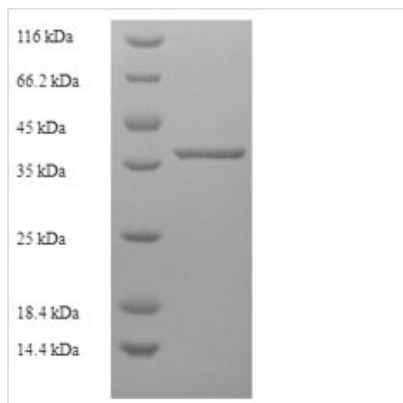




Recombinant Human MLX-interacting protein (MLXIP)

| | |
|--------------------------|---|
| 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 | ≥ 90% as determined by SDS-PAGE. |
| Sequence | MDEQGCEHTSRTEDPFIQPTDFGPSEPLSVPPPISPVLPVPPPATALNPPAP PTFHQPQKFAGVNKAPSVITHASATLTHDAPATTFSSQSQGLVITTHHPAPSAA PCGLALSPVTRPPQRLTFVHPKPVSLTGGRPKQPHKIVPAPKPEPVSLVLKN ARIAPGEPGGETQCGAPPDPEGCFPIPKAFKLVTTTTTLVCTCMRTHIHLNETK 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

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