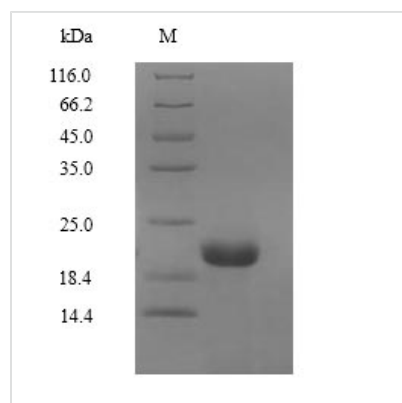




# Recombinant Macaca mulatta Erythropoietin(EPO)

|                            |   |
|----------------------------|---|
| <b>Product Code</b>        | CSB-MP007743MOW   |
| <b>Relevance</b>           | Erythropoietin is the principal hormone involved in the regulation of erythrocyte differentiation and the maintenance of a physiological level of circulating erythrocyte mass.   |
| <b>Storage</b>             | 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. |
| <b>Uniprot No.</b>         | Q28513  |
| <b>Storage Buffer</b>      | Tris-based buffer,50% glycerol  |
| <b>Product Type</b>        | Recombinant Protein   |
| <b>Species</b>             | Macaca mulatta (Rhesus macaque)   |
| <b>Purity</b>              | Greater than 90% as determined by SDS-PAGE.   |
| <b>Sequence</b>            | APPRLVCDSRVLERYLLEAKEAENVTMGCSESCSLNENITVPDTKVNIFYAWKR<br>IEVGQQAVEVWQGLALLSEAVLRGQAVLANSSQPFEPLQLHMDKAISGLRSIT<br>TLLRALGAQEAIPLDAASAAPLRITADTFCKLFRVYSNFLRGKCLKLYTGEACR<br>RGDR   |
| <b>Research Area</b>       | Signal Transduction   |
| <b>Source</b>              | Mammalian cell  |
| <b>Gene Names</b>          | EPO   |
| <b>Expression Region</b>   | 28-192aa  |
| <b>Notes</b>               | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.   |
| <b>Tag Info</b>            | N-terminal 6xHis-tagged   |
| <b>Mol. Weight</b>         | 22.2kDa   |
| <b>Protein Description</b> | Full Length of Mature Protein   |

## Image



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