



Recombinant Horse Interleukin-6 (IL6)

Product Code	CSB-MP856767HO
Abbreviation	IL6
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>
Uniprot No.	Q95181
Product Type	Recombinant Protein
Immunogen Species	Equus caballus (Horse)
Purity	>85% (SDS-PAGE)
Sequence	TPL PLGEDETTSN GPLLTADKT KQHIKYILGK ISALKNEMCN NFSKCENSKE VLAENNLNLP KMAEKDGCFCQ SGFNQETCLM KITTGLSEFQ IYLEYLQNEF KGEKENIKTM QISTKVLVQI LMQKMKNPEV TTPDPTAKSS LLAKLHSQNE WLKNTTTHLI LRSLEDLQF SLRAVRIM
Source	Mammalian cell
Target Names	IL6
Protein Names	Recommended name: Interleukin-6 Short name= IL-6
Expression Region	28-208
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 of Mature Protein
Target Details	<p>This gene encodes a cytokine that functions in inflammation and the maturation of B cells. The protein is primarily produced at sites of acute and chronic inflammation, where it is secreted into the serum and induces a transcriptional inflammatory response through interleukin 6 receptor, alpha. The functioning of this gene is implicated in a wide variety of inflammation-associated disease states, including susceptibility to diabetes mellitus and systemic juvenile rheumatoid arthritis.</p>
Reconstitution	<p>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.</p>
Shelf Life	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>