

Interleukin-6 Recombinant Protein | IL6 recombinant protein

Recombinant Bovine Interleukin-6

CATALOG # AAA50317	HOST Pichia pastoris	APPLICATIONS Western Blot, Functional Assay, ELISA
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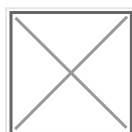
PRODUCT SYNONYMS

Interleukin-6; Recombinant Bovine Interleukin-6; IL-6; IL6 recombinant protein

PRODUCT SPECIFICATIONS

Host	Pichia pastoris
Purity/Purification	>95% by SDS PAGE analysis
Form/Format	Purified recombinant protein - lyophilized
Sequence Length	208
Applicable Applications for IL6 recombinant protein	WB (Western Blot), FA (Functional Assay), ELISA
Reconstitution	Reconstitute with 20 ul sterile PBS containing 0.1% carrier protein. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. It is recommend that the vial is gently mixed after reconstitution.
Target Species	Bovine
Preperation	Recombinant protein expressed in Pichia pastoris and purifiedby ion-exchange chromatography
Preparation and Storage	Prior to reconstitution store at -20°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein.

IMAGES



ELISA

Bovine interleukin-6 ELISA: Recombinant Bovine interleukin-6 detected using Chicken anti Bovine interleukin-6 as the capture reagent and Chicken anti Bovine interleukin-6:Biotin as the detection reagent followed by Streptavidin:HRP

ADDITIONAL INFORMATION

Related Product Information for IL6 recombinant protein	Recombinant Bovine interleukin-6 (IL-6) is a recombinant protein corresponding to aa 30-208 of native bovine IL-6. Bovine interleukin-6 is a multifunctional cytokine secreted by a range of cell types, in particular T lymphocytes and macrophages. IL-6 has a range of activities and includes the differentiation of B cells into Ig producing cells, differentiation of lymphocytes and of monocytes. IL-6 functions in both a pro-inflammatory role where it is an important inducer of the accute phase response and also as an anti-inflammatory myokine. Interleukin-6 induces myeloma growth and is an essential cytokine required for successful hybridoma growth.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124346
NCBI GeneID	280826
UniProt Accession #	P26892; Q08DT2; A9QWQ9
NCBI Official Full Name	Interleukin-6
NCBI Official Synonym Full Names	interleukin 6
NCBI Official Symbol	IL6
NCBI Protein Information	interleukin-6
UniProt Protein Name	Interleukin-6
UniProt Gene Name	IL6
UniProt Synonym Gene Names	IL-6

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/il6-recombinant-protein-pichia-pastoris-wb-western-blot-fa-functional-assay-elisa/50317>