

Interleukin 6 Active Protein | IL6 active protein

Active Interleukin 6 (IL6)

CATALOG #
AAA150063

APPLICATIONS
Activity Assay, Cell Culture

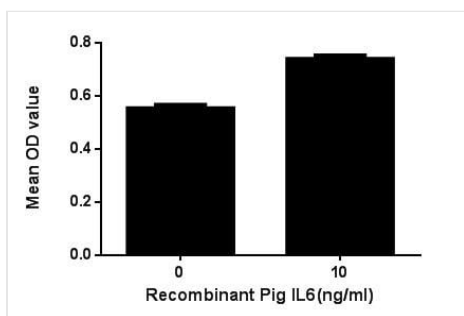
PRODUCT SYNONYMS

Interleukin 6; Active Interleukin 6 (IL6); MGI2-A; MGI2A; HGF; BSF2; HSF; IFNB2; B-Cell Stimulatory Factor-2; Hybridoma/Plasmacytoma Growth Factor; Hepatocyte Stimulating Factor; Cytotoxic T-Cell Differentiation Factor; IL6 active protein

PRODUCT SPECIFICATIONS

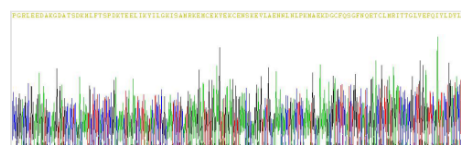
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Pro29~Met212
Sequence Length	212
Applicable Applications for IL6 active protein	Activity Assay, Cell Culture
Species	Pig
Tag	N-terminal His Tag
Subcellular Location	Secreted
Isoelectric Point	7.7
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



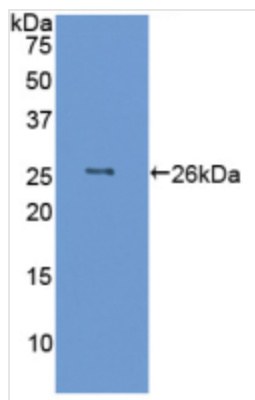
Application Data

Figure. Cell proliferation of Raji cells after stimulated with IL6.

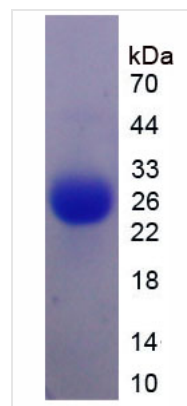


Gene Sequencing

Figure. Gene Sequencing (Extract)



WB (Western Blot)
Figure. Western Blot



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for IL6
active protein

Cytokine; Tumor immunity; Infection immunity; Cardiovascular biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264447
NCBI GeneID	399500
UniProt Accession #	P26893
Molecular Weight	Predicted Molecular Mass: 24.0kDa Accurate Molecular Mass: 26kDa
NCBI Official Full Name	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.

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Online datasheet: <https://stage.aaabiotech.com/il6-active-protein/interleukin-6/150063>