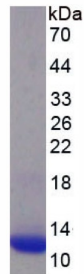


## Rat Interleukin 6 Receptor (IL6R) Protein

Catalogue No.: abx167762



SDS-PAGE analysis of recombinant Rat IL6R Protein.

Rat Interleukin 6 Receptor Protein is a recombinant protein expressed in *E. coli*.

<b>Target:</b>	Interleukin 6 Receptor (IL6R)
<b>Origin:</b>	Rat
<b>Expression:</b>	Recombinant
<b>Tested Applications:</b>	WB, SDS-PAGE
<b>Host:</b>	<i>E. coli</i>
<b>Recommended dilutions:</b>	Optimal dilutions/concentrations should be determined by the end user.
<b>Conjugation:</b>	Unconjugated
<b>Form:</b>	Lyophilized
<b>Purity:</b>	> 95%
<b>Reconstitution:</b>	Reconstitute in ddH <sub>2</sub> O to a concentration of 0.1-1.0 mg/ml. Do not vortex.
<b>Storage:</b>	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
<b>UniProt Primary AC:</b>	P22273 ( <a href="#">UniProt</a> , <a href="#">ExPASy</a> )
<b>String:</b>	<a href="https://www.uniprot.org/entry/P22273?entry=1">10116.ENSRNOP00000028234</a>

# Datasheet

Version: 3.0.0  
Revision date: 11 Feb 2025



<b>Molecular Weight:</b>	Calculated MW: 10.0 kDa Observed MW (SDS-PAGE): 13 kDa Possible reasons why the actual band size differs from the predicted band size: <ol style="list-style-type: none"><li>1. Splice variants. Alternative splicing may create different sized proteins from the same gene.</li><li>2. Relative charge. The composition of amino acids may affect the charge of the protein.</li><li>3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.</li><li>4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.</li><li>5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.</li></ol>
<b>Sequence Fragment:</b>	Leu385-Arg462
<b>Sequence:</b>	LRLKKK WKSQAEKESK TTSPPPYPLG PLKPTFLLVP LLTPSGSHNS SGTDNTGSHS CLGVRDPQCP ND NSNRDYL F PR
<b>Tag:</b>	N-terminal His tag
<b>Buffer:</b>	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl and 5% Trehalose.
<b>Activity:</b>	Not tested
<b>Concentration:</b>	Prior to lyophilization: 100 µg/ml
<b>Note:</b>	This product is for research use only. Not for human consumption, cosmetic, therapeutic or diagnostic use.

For Reference Only