

## Product datasheet for **TP726852**

### IL6R Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human IL-6 Receptor Subunit $\alpha$ /IL-6RA/CD126 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu20-Asp358
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Interleukin-6 receptor subunit alpha is produced by our Mammalian expression system and the target gene encoding Leu20-Asp358 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	3570
UniProt ID:	<a href="#">P08887</a>
Summary:	Interleukin 6 is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in the immune response. IL6Ra is a part of the receptor for interleukin 6 cytokine. IL6Ra binds to IL6 with low affinity, but does not transduce a signal. Signal activation necessitates an association with IL6ST. Activation may lead to the regulation of the immune response, acute-phase reactions and hematopoiesis. Low concentration of a soluble form of IL6 receptor acts as an agonist of IL6 activity. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer.



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