



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### IL6R (Human) Recombinant Protein (P01)

**Catalog Number:** H00003570-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human IL6R full-length ORF ( NP\_000556.1, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MLAVGCALLAALLAAPGAALAPRRCPAQEVARGVLTS  
LPGDSVTLTCPGVEPEDNATVHWVLRKPAAGSHPSR  
WAGMGRLLLLRSVQLHDSGNYSCYRAGRPAAGTVHLL  
VDVPEEPQLSCFRKSPNSNVCEWGRSTPSLTTKA  
VLLVRKFNQSPAEDFQEPCCQYSQESQKFCQQLAVPE  
GDSSFYIVSMCVASSVSGSKFSKTQTFQGCGLQPDPP  
ANITVTAVARNPRWLSVTWQDPHSWNSSFYRLRFELR  
YRAERSKTFTTWMVKDLQHHCVIHDAWSGLRHVVQL  
RAQEFGQGEWSEWSEAMGTPWTESRSPPAENEV  
STPMQALTTNKDDDNILFRDSANATSLPVQDSSSVPLP  
TFLVAGGSLAFGTLLCIAIVLRFKKTWKLRLKEGKTSM  
HPPYSLGQLVPERPRPTVPLVPLISPPVSPSSLGSDNT  
SSHNRPDARDPRSPYDISNTDYFFPR

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 77.9

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 3570

**Gene Symbol:** IL6R

**Gene Alias:** CD126, IL-6R-1, IL-6R-alpha, IL6RA, MGC104991

**Gene Summary:** Interleukin 6 (IL6) is a potent pleiotropic cytokine that regulates cell growth and differentiation and plays an important role in immune response. The protein encoded by this gene is a subunit of the receptor complex for IL6. The IL6 receptor is a protein complex consisting of this protein and interleukin 6 signal transducer (IL6ST/GP130/IL6-beta), a receptor subunit also shared by many other cytokines. Dysregulated production of IL6 and this receptor are implicated in the pathogenesis of many diseases, such as multiple myeloma, autoimmune diseases and prostate cancer. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq]