

Product datasheet

Recombinant human TNF Receptor II protein (Active) ab235709

[1 Image](#)

Description

Product name	Recombinant human TNF Receptor II protein (Active)	
Biological activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit the TNF- α mediated cytotoxicity in the L-929 cells is less than 0.2 μ g/ml, corresponding to a specific activity of >5000 IU/mg in the presence of 0.25 ng/ml of rHuTNF- α .	
Purity	> 97 % SDS-PAGE. > 97 % HPLC.	
Endotoxin level	< 1.000 Eu/ μ g	
Expression system	Escherichia coli	
Accession	P20333	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	MPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPG QHAKVFCTKTS TVCDSCEDSTYQLWNWVPECLSCGSRCSDDQVETQAC TREQNRICRCP GWYCALSQEGCRLCAPLRKCRPGFGVARPGTETSDVV CKPCAPGTFSNT TSSTDICRPHQICNVVAIPGNASMDAVCTSTSTPT	
Predicted molecular weight	20 kDa	
Amino acids	23 to 206	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab235709** in the following tested applications.

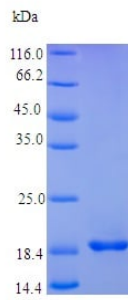
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Functional Studies
	SDS-PAGE

Form	HPLC Lyophilized
Preparation and Storage	
Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Constituent: PBS Lyophilised from 0.2 µm filtered solution. This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at = -20 °C. Further dilutions should be made in appropriate buffered solutions.
General Info	
Function	Receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.
Sequence similarities	Contains 4 TNFR-Cys repeats.
Post-translational modifications	Phosphorylated; mainly on serine residues and with a very low level on threonine residues. A soluble form (tumor necrosis factor binding protein 2) is produced from the membrane form by proteolytic processing.
Cellular localization	Secreted and Cell membrane.

Images

ab235709 analyzed by SDS-PAGE.



SDS-PAGE - Recombinant human TNF Receptor II protein (Active) (ab235709)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors