

Recombinant Human IFNAR2 protein (Fc Chimera) ab83680

3 图像

描述	
产品名称	重组人IFNAR2蛋白(Fc Chimera)
生物活性	ab83680 bound to protein A sepharose beads was able to pull down its ligand, IFNa2b.
纯度	> 95 % SDS-PAGE.
表达系统	HEK 293 cells
Accession	<u>P48551</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	<div>Theoretical Sequence ISYDSPDYTDESCTFKISLRNFRSILSWELKNHSIVPTHYTL LYTIMSKP EDLKVVKNcanttrsfcdltdewrstheayvtvlegfsgntt lfscshnf wlaidmsfeppefeivgftnhinvmvkfpsiveeelqfdlsL VIEEQSEG IVKKHKPEIKGNMSGNFTYIIDKLIPNTNYCVSVYLEHSDEQ AVIKSPLK CTLLPPGQESESAESAkgssntkvdkkvepkscdkthtCPPC PAPELLGG PSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYV DGVEVHNA KTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALP APIEKTIS KAKGQPREPQVYTLPPSRDELTKNQVSLTCLVKGFYPSDIAV EWESNGQP ENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMH EALHNHYT QKSLSLSPGK</div>
氨基酸	1 to 243
额外的序列信息	Fused with the Fc region of Human IgG1 at the C-terminus.
技术指标	

Our **Abpromise guarantee** covers the use of **ab83680** in the following tested applications.

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

应用	Functional Studies SDS-PAGE
形式	Lyophilized
补充说明	ab83680 bound to protein A sepharose beads was able to pull down its ligand, IFNa2b.

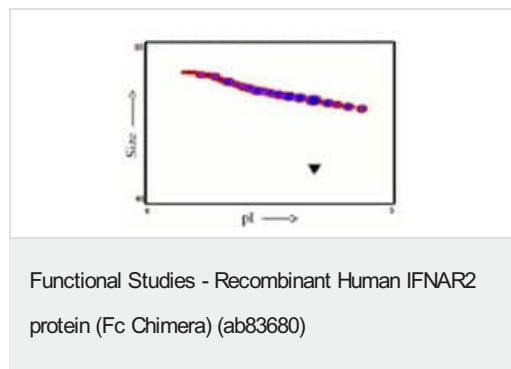
制备和贮存

稳定性和存储	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Constituents: PBS, 1% Human serum albumin, 10% Trehalose
复溶	It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, and longer-term storage of aliquots at -18 to -20°C. Repeated freeze thawing is not recommended.

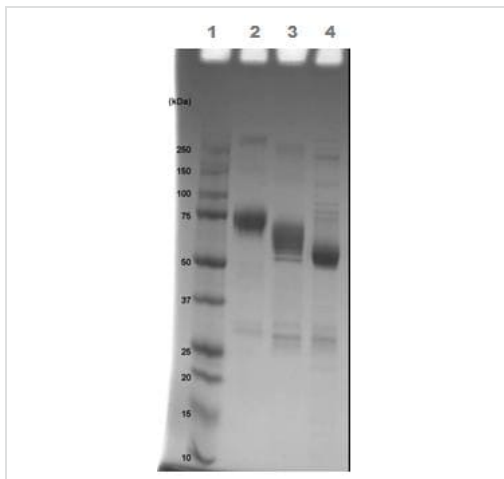
常规信息

功能	Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 is a potent inhibitor of type I IFN receptor activity.
组织特异性	Isoform 3 is detected in the urine (at protein level). Expressed in blood cells. Expressed in lymphoblastoid and fibrosarcoma cell lines.
序列相似性	Belongs to the type II cytokine receptor family.
翻译后修饰	Phosphorylated on tyrosine residues upon interferon binding. Phosphorylation at Tyr-337 or Tyr-512 are sufficient to mediate interferon dependent activation of STAT1, STAT2 and STAT3 leading to antiproliferative effects on many different cell types. Glycosylated.
细胞定位	Secreted and Membrane.

图片



Densitometry of protein isoforms visualised by 2-DE. The triangle indicates the theoretical MW and pI of the protein.

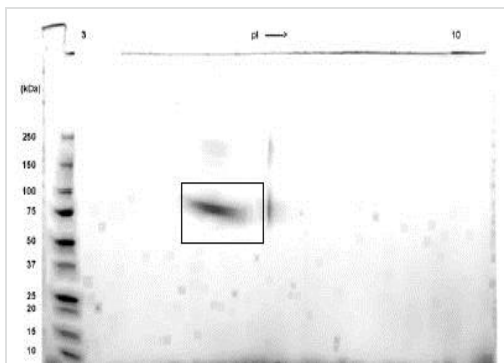


SDS-PAGE - Recombinant Human IFNAR2 protein
(Fc Chimera) (ab83680)

1D SDS-PAGE of ab83680 before and after treatment with glycosidases to remove oligosaccharides.

Lane 1 MW markers; Lane 2 ab83680; Lane 3 ab83680 treated with PNGase F to remove potential N-linked glycans; Lane 4 ab83680 treated with a glycosidase cocktail to remove potential N- and O-linked glycans. Approximately 5 µg of protein was loaded per lane.

Drop in MW after treatment with PNGase F indicates presence of N-linked glycans. A further drop in MW after treatment with the glycosidase cocktail indicates the presence of O-linked glycans. Additional bands in lane 3 and lane 4 are glycosidase enzymes.



SDS-PAGE - Recombinant Human IFNAR2 protein
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A sample of ab83680 without carrier protein was reduced and alkylated and focused on a 3-10 IPG strip then run on a 4-20% Tris-HCl 2D gel. Approximately 40 µg of protein was load; Gel was stained using Deep Purple™.

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