

## CD21 Protein, Human (971a.a, HEK293, His)

Cat. No.:	HY-P72890
Synonyms:	Complement receptor type 2; Cr2; EBV receptor; CD21; C3DR
Species:	Human
Source:	HEK293
Accession:	P20023-1 (M1-P971)
Gene ID:	1380
Molecular Weight:	110-120 kDa

### PROPERTIES

#### AA Sequence

MGAAGLLGVF	LALVAPGVLG	ISCGSPPPIL	NGRISYYSTP
I AVGTVIRYS	CSGTFRLIGE	KSLLCITKDK	VDGTWDKPAP
KCEYFNKYSS	CPEPIVPGGY	KIRGSTPYRH	GDSVTFACKT
NFSMNGNKS	WCQANNMWGP	TRLPTCVSVF	PLECPALPMI
HNGHHTSENV	GSIAPGLSVT	YSCESGYLLV	GEKIINCLSS
GKWSAVPPTC	EEARCKSLGR	FPNGKVKEPP	ILRVGVTANF
FCDEGYRLQG	PPSSRCVIAG	QGVAWTKMPV	CEEIFCPSPP
PILNGRHIGN	SLANVSYGSI	VTYTCDPDPE	EGVNFILIGE
STLRCTVDSQ	KTGTWSGPAP	RCELSTSAVQ	C PHPQILRGR
MVSGQKDRYT	YNDTVIFACM	FGFTLKGSKQ	IRCNAQGTWE
PSAPVCEKEC	QAPPNILNGQ	KEDRHMVRFD	PGTSIKYSCN
PGYVLVGEES	IQCTSEGVWT	PPVPQCKVAA	CEATGRQLLT
KPQHQFVRPD	VNSSCGEGYK	LSGSVYQECQ	GTIPWFMEIR
LCKEITCPPP	PVIYNGAHTG	SSLEDFPYGT	TVTYTCNPGP
ERGVEFSLIG	ESTIRCTSND	QERGTWSGPA	PLCKLSLLAV
QCSHVHIANG	YKISGKEAPY	FYNDTVTFKC	YSGFTLKGSS
QIRCKADNTW	DPEIPVCEKE	TCQHVRQSLQ	ELPAGSRVEL
VNTSCQDGYQ	LTGHAYQMCQ	DAENGIWFKK	IPLCKVIHCH
PPPVI VNGKH	TGMM AENFLY	GNEVS YECDQ	GFYLLGEKKL
QCRSDSKGHG	SWSGPSPQCL	RSPPVTRCPN	P

#### Biological Activity

Measured by its binding ability in a functional ELISA. Immobilized gp350-His at 10 µg/mL (100 µl/well) can bind CD21 Protein, Human (HEK293, His) with a linear range of 0.5-5 µg/mL.

#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4

#### Endotoxin Level

<1 EU/µg, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is

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	recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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