

Recombinant Human TF Protein

Catalog #	Source	Reactivity	Applications
CRP2370	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human TF Protein is produced by our mammalian expression system and the target gene encoding Val20-Pro698 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of PBS, pH 7.4.

Gene Symbol TF

Alternative Names Serotransferrin; Transferrin; Beta-1 metal-binding globulin; Siderophilin

Entrez Gene 7018 (Human)

SwissProt P02787 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure VPDKTVRWCA VSEHEATKCQ SFRDHMKSVI PSDGPSVACV KKASYLDCIR AIAANEADAV
 TLDAGLVYDA YLAPNNLKPV VAEFYGSKED PQTFYYAVAV VKKDSGFQMN QLRGKKSCHT
 GLGRSAGWNI PIGLLYCDLP EPRKPLEKAV ANFFSGSCAP CADGTDFPQL CQLCPGCGCS
 TLNQYFGYSG AFKCLKDGAG DVAFVKHSTI FENLANKADR DQYELLCLDN TRKPVDEYKD
 CHLAQVPSHT VVARSMGGKE DLIWELLNQA QEHEFGKDKSK EFQLFSSPHG KDLLFKDSA
 H GFLKVPPRMD AKMYLGYEYV TAIRNLREGT CPEAPTDECK PVKWCALSHH ERLKCDEWSV
 NSVGKIECVS AETTEDCIAK IMNGEADAMS LDGGFVYIAG KCGLVPVLA E NYNKSDNCED
 TPEAGYFAVA VVKKSASDLT WDNLKGKKSC HTAVGRTAGW NIPMGLLYNK INHCRFDEFF
 SEGCAPGSKK DSSLCKLCMG SGLNLCEPNN KEGYYGYTGA FRCLVEKGDV AFVKHQVTPQ
 NTGGKNPDPW AKNLNEKDYE LLCLDGTRKP VEEYANCHLA RAPNHAVVTR KDKEACVHKI
 LRQQQHLFGS NVTDCSGNFC LFRSETKDLL FRDDTVCLAK LHDRNTYEKY LGEEYVKA
 VNG NLRKCSTSSL LEACTFRRPV DHHHHHH

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Quality Control	Endotoxin: Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage/Stability	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com