

## 32-8517: Recombinant Human Serotransferrin/Transferrin (C-6His)

**Gene :** TF  
**Gene ID :** 7018  
**Uniprot ID :** P02787

### Description

Source: Human Cells.  
MW :76.2kD.

Recombinant Human Transferrin is produced by our Mammalian expression system and the target gene encoding Val20-Pro698 is expressed with a 6His tag at the C-terminus. Serotransferrin belongs to transferrin family, and contains 2 transferrin-like domains. The protein is a secreted protein, and expressed by the liver and secreted in plasma. Transferrins are iron binding transport proteins which can bind two Fe<sup>3+</sup> ions in association with the binding of an anion. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** VPDKTVRWCAVSEHEATKCKQSFDRDHMKSVIPSDGSPVACVKKASYLDCIRAIAANEADAVTLDAGLVYDAYLAP  
NNLKPVVAEFYGSKEDPQTFYYAVAVVKKDSGFMNQLRGKKSCHTGLGRSAGWNIPIGLLYCDLPEPRKPLE  
KAVANFFSGSCAPCADGTFPQLCQLCPGCGCSTLNQYFGYSGAFKCLKDGAGDVAFVKHSTIFENLANKADR  
DQYELLCLDNTRKPVDEYKDCHLAQVPSHTVVARSMGGKEDLIWELLNQAQEHFGKDKSKEFQLFSSPHGKD  
LLFKDSAHGFLKPPRMDAKMYLGYEYVTAIRNLREGTCPEAPTDECKPVKWCALSHHERLKDEWSVNSVGK  
IECVSAETTEDCIAKIMNGEADAMSLDGGFVYIAGKCGLVPLAENYKSDNCEDTPEAGYFAVAVVKKASDL  
TWDNLKGGKKSCHTAVGRTAGWNIPMGLLYNKINHCRFDEFFSEGCAPGSKKDSSLCKLCMGSGNLNCEPNK  
EGYYGYTGAFRCLVEKGDVAFVKHQVTPQNTGGKNPDWAKNLNEKDYELLCLDGTRKPVVEEYANCHLARAP  
NHAVVTRKDKAEACVHKILRQQQHLFGSNVTDCSGNFCLFRSETKDLLFRDDTVCLAKLHNRNTYEKYLGEYV  
KAVGNLRKCSTSSLLEACTFRRPVDHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.