

## Human Transferrin

Catalog Number: bs-2052P

AA Seq: Purified native protein

Predicted MW: 80

Activity: Yes

Endotoxin: Not analyzed

Storage: Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq, Sep 2009].

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

### PRODUCT SPECIFIC PUBLICATIONS

**[IF=8.008]** Shiyu Zang, et al. Hyperbranched Tetraphenylethylene Derivatives with Low Non-specific Aggregation-Induced Emission for Fluorescence Recognition of Proteins with Hydrophobic Pockets. ANAL CHEM. 2022;94(23):8365–8372 Other ; . 35653302

**[IF=4.34]** Gao, Hongfei, et al. Amorphous carbon nanoparticle used as novel resonance energy transfer acceptor for chemiluminescent immunoassay of transferrin. Biosensors and Bioelectronics 60 (2014)

224–230. Other ; ="" . 24636417

**[IF=3.049]** Liang J et al. Self-organized nanocrystal rings formed by microemulsion for selective recognition of proteins and immunoassays. RSC Advances,2019 9(2), 699–703. Other ; - .  
doi:10.1039/c8ra09662g

**[IF=2.984]** Junjie Hu. et al. Assessment of progesterone synthesis and its regulation role on dihydrotestosterone secretion in sheep epididymis. Gene. 2021 Jul;790:145699 Other ; . 33964380

**[IF=3.164]** Changjia Hu. et al. Protein-Recognition-Initiated Exponential Amplification Reaction (PRIEAR) and Its Application in Clinical Diagnosis. 2022 Feb 02 Other ; Other . 34989090