Transferrin Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	Transferrin, Recombinant Protein
Full Product Name	Recombinant Human Transferrin
Sequence	VPDKTVRWC AVSEHEATK CQSFRDHMK SVIPSDGPS VACVKKASY LDCIRAIAA NEADAVTLD AGLVYDAYL APNNLKPVV AEFYGSKED PQTFYYAVA VVKKDSGFQ MNQLRGKKS CHTGLGRSA GWNIPIGLL YCDLPEPRK PLEKAVANF FSGSCAPCA DGTDFPQLC QLCPGCGCS TLNQYFGYS GAFKCLKDG AGDVAFVKH STIFENLAN KADRDQYEL LCLDNTRKP VDEYKDCHL AQVPSHTVV ARSMGGKED LIWELLNQA QEHFGKDKS KEFQLFSSP HGKDLLFKD SAHGFLKVP PRMDAKMYL GYEYVTAIR NLREGTCPE APTDECKPV KWCALSHHE RLKCDEWSV NSVGKIECV SAETTEDCI AKIMNGEAD AMSLDGGFV YIAGKCGLV PVLAENYNK SDNCEDTPE AGYFAIAVV KKSASDLTW DNLKGKKSC HTAVGRTAG WNIPMGLLY NKINHCRFD EFFSEGCAP GSKKDSSLC KLCMGSGLN LCEPNNKEG YYGYTGAFR CLVEKGDVA FVKHQTVPQ NTGGKNPDP WAKNLNEKD YELLCLDGT RKPVEEYAN CHLARAPNH AVVTRKDKE ACVHKILRQ QQHLFGSNV TDCSGNFCL FRSETKDLL FRDDTVCLA KLHDRNTYE KYLGEEYVK AVGNLRKCS TSSLLEACT FRRP
Purity/Purification	Above >= 95% by SDS-PAGE% as determined by SDS-PAGE Analysis.
Biological Activity	It's verified by comparison against native human transferrin in the antibody production of hybridoma cells in serum-free supplemented media.
Applications Tested/Suitable for Transferrin recombinant protein	Functional Assay (FA)
Related Product Information for Transferrin recombinant protein	Recombinant Human Transferrin is a universal iron carrier capable of delivering iron to cells. Each 80kDA transferrin molecule can carry two iron ions in the ferric form. Recombinant Human Transferrin is manufactured animal free in a GMP facility and can be utilized to increase the quantity and quality of a wide range of cell types. Transferrin is also associated with the innate immune system, since its binding of iron can create decreased levels of free iron and impede bacterial survival. The activity is equivalent to human serum holo transferrin.
Other Notes	Small volumes of Transferrin recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Transferrin purchase	MBS696907 is a recombinant protein targeting Transferrin. Also known as Recombinant Human Transferrin.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for Transferrin. It may not necessarily be applicable to this product.

Protein Family	Transferrin
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