

Recombinant Human Transferrin Receptor protein (denatured)
ab202198

画像数 1

製品の詳細

製品名	Recombinant Human Transferrin Receptor protein (denatured)
精製度	> 80 % SDS-PAGE. ab202198 was purified by conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	P02786
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	

MGSSHHHHHH SSGLVPRGSH MGSMCKGVPEP
KTECERLAGT ESPVREEPGE DFPAARRLYW
DDLKRKLSEK LDSTDFTGTI KLLNENSYP
REAGSQKDEN LALYVENQFR EFKLSKVWRD
QHFVKIQVKD SAQNSVIVD KNGRLVYLVE
NPGGYVAYSK AATVTGKLVH ANFGTKKDFE
DLYTPVNGSI VIVRAGKITF AEKVANAESL
NAIGVLIYMD QTKFPIVNAE LSFFGHAHLG
TGDPTYTPGFP SFNHTQFPPS RSSGLPNIPV
QTISRAAAEK LFGNMEGDCP SDWKTDSTCR
MVTSESKNVK LTVSNVLKEI KILNIFGVIK
GFVEPDHYVV VGAQRDAWGP GAAKSGVGTA
LLLKLAQMFS DMVLKDGFP SRSIIFASWS
AGDFGSGVAT EWLEGYLSSL HLKAFYINL
DKAVLGTSNF KVSASPLLYT LIEKTMQNVK
HPVTGQFLYQ DSNWASKVEK LTLDNAAFP
LAYSGIPAVS FCFCEDTDYP YLGTTMDTYK
ELIERIPELN KVARAAAEVA GQFVIKLTHD
VELNLDYERY NSQLLSFVRD LNQYRADIKE
MGLSLQWLYS ARGDFFRATS RLTTDFGNAE
KTDRFVMKKL NDRVMRVEYH FLSPYVSPKE
SPFRHVFWS GSHTLPALLE NLKLRKQNG
AFNETLFRNQ LALATWTIQG AANALSGDVW DIDNEF

予測される分子量	78 kDa including tags
領域	89 to 760
タグ	His tag N-Terminus
配列の追加情報	corresponding to extracellular domain (NP_001121620).
製品の詳細	Recombinant Human Transferrin Receptor protein

特性

Our **Abpromise guarantee** covers the use of **ab202198** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE
製品の状態	Liquid

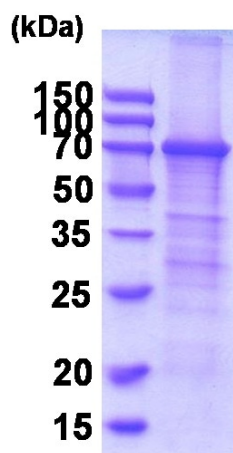
前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)
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関連情報

機能	Cellular uptake of iron occurs via receptor-mediated endocytosis of ligand-occupied transferrin receptor into specialized endosomes. Endosomal acidification leads to iron release. The apotransferrin-receptor complex is then recycled to the cell surface with a return to neutral pH and the concomitant loss of affinity of apotransferrin for its receptor. Transferrin receptor is necessary for development of erythrocytes and the nervous system (By similarity). A second ligand, the hereditary hemochromatosis protein HFE, competes for binding with transferrin for an overlapping C-terminal binding site. Positively regulates T and B cell proliferation through iron uptake (PubMed:26642240). (Microbial infection) Acts as a receptor for new-world arenaviruses: Guanarito, Junin and Machupo virus.
関連疾患	Immunodeficiency 46
配列類似性	Belongs to the peptidase M28 family. M28B subfamily. Contains 1 PA (protease associated) domain.
翻訳後修飾	N- and O-glycosylated, phosphorylated and palmitoylated. The serum form is only glycosylated. Proteolytically cleaved on Arg-100 to produce the soluble serum form (sTfR). Palmitoylated on both Cys-62 and Cys-67. Cys-62 seems to be the major site of palmitoylation.
細胞内局在	Secreted and Cell membrane. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

画像



15% SDS-PAGE analysis of ab202198 (3ug).

SDS-PAGE - Recombinant Human Transferrin
Receptor protein (denatured) (ab202198)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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