

Recombinant Full Length Rat Transferrin Receptor Protein 2(Tfr2) Protein, His-Tagged

Cat. No. RFL34717RF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Transferrin receptor protein 2(Tfr2) Protein (B2GUY2) (1-798aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length (1-798)

Form

Lyophilized powder

AA Sequence

MEQRWGLLRKVQQWSPRPSQTIYRRVEGPQLENLEEEDREEGEELPAQFCPMELK
 GPERLGSCPGRSIPWAAAGRKAAPYLVLTLLIFTGAFLLGYVAFRGSCQACGDS
 VLVVGEDVNSEDSRGTLYWSDLQDMFLRFLGEGRMEDTIRLTSLRERVAGSARM
 ATLVQDILDKLSRQKLDHVWTDTHYVGLQFPDPAHPNTLHWVGADGSVQEQLPLED
 PEVYCPYSATGNATGKLVYAHYGRREDLQDLKAKDVELAGSLLLVRAGITSFAQKVA
 IAQDFGAHGVLIYPDPADFSQDPHKPGLSSDRAVYGHVHLGTGDPYTPGFPSFNQT
 QFPPVESSGLPNIPAQPIADVADRLLRKLTPVAPQEWKGR LSDSPYRLGPGPGL
 RLVVNNHRTSTPISNIFACIEGFAEPDHYVVIGAQRDAWGPGA AKSAVGTAILLELVR
 TFSSMVSSGFRPRRSLLFISWDGGDFGSGATEWLEGYLSVLHLKAVVYVSLDNSV
 LGDGKFHAKTSPLLVS LIENILKQVDSPNHSGQTLYDQVAFTHPSWDAEVIQPLPMD
 SSAYSFTAFAAGVPAVEFSFMEDDRVYPFLHTKEDTYENLHKMLRGR LPAVVLAQAQ
 LAGQLLIRLSHDHLLPLDFGRYGDVVL RHIGNLNEFSGDLKARGLTLQWVYSARGDY

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IRAAEKLKREIYSSEQSDERLMRMYNVRIMRVEFYFLSQYVSPADSPFRHIFLGQGD
HTLGALVEHLRMLRSDGSGAASSGLSPGLGFQESRFRRQLALLTWTLQGAANALSG
DVWNIDNNF

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name Tfr2

Synonyms Tfr2; Trfr2; Transferrin receptor protein 2; TfR2

UniProt ID [B2GUY2](#)

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