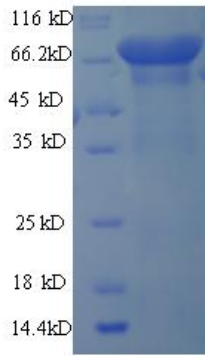
WUHAN HUAMEI BIOTECH CO., LTD.
Postal Address: Wuhan Hi-tech Medical Devices Park, Building B11, #818 Gaoxin Road, Donghu Hi-Tech Development Area, Wuhan, Hubei Province 430206, P.R.China
Website: www.cusabio.com www.cusabio.cn
Email: cusabio@cusabio.com
Tel: +86-27-87582341
Fax: +86-27-87196150

Recombinant Methionine synthase reductase(MTRR) for Homo sapiens (Human)

Catalog Number: CSB-EP890659HU

Product Name:	Recombinant Methionine synthase reductase(MTRR) for Homo sapiens (Human)
Catalog Number:	CSB-EP890659HU
Relevance :	Involved in the reductive regeneration of cob(I)alamin (vitamin B12) cofactor required for the maintenance of methionine synthase in a functional state. Necessary for utilization of methylgroups from the folate cycle, thereby affecting transgenerational epigenetic inheritance. Folate pathway donates methyl groups necessary for cellular methylation and affects different pathways such as DNA methylation, possibly explaining the transgenerational epigenetic inheritance effects.
Mol. Weight:	95kD
Product Info :	His-tagged
Source:	E.coli derived
Images	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl, 0.5M NaCl, PH 8.0,50% glycerol
Storage :	Store at -20℃, for extended storage, conserve at -20℃ or -80℃.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4℃ for up to one week.
AA sequence:	MGAASVRAGARLVEVALCSFTVTCLEVMRRFLLLYATQQGQAKAIAEEICEQAVVHGFSADLHCISESDKY DLKTETAPLVVVVSTTGTGDPPDTARKFVKEIQNQTLPVDFFAHLRYGLLGLGDSEYTYFCNGGKIIDKRL QELGARHFYDTGHADDCVGLELVVEPWIAGLWPALRKHFRSSRGQEEISGALPVASPASSRTDLVKSELL HIESQVELLRFDDSGRKDSEVLKQNAVNSNQSNVVIEDFESSLTRSVPPLSQASLNIPGLPPEYLQVHLQE SLGQEESQVSVTSADPVFQVPISKAVQLTTNDAIKTTLLVELDISNTDFSYQPGDAFSVICPNSDSEVQSLL QRLQLEDKREHCVLLKIKADTKKKGATLPQHIPAGCSLQFIFTWCLEIRAIPKKAFLRALVDYTSDSAEKRR LQELCSKQGAADYSRFVRDACACLLDLLLAFPSCQPPLSLLLEHLPKLQPRPYSCASSSLFHPGKLHFVF NIVEFLSTATTEVLRKGVCTGWLALLVASVLQPNIHASHEDSGKALAPKISISPRTTNSFHLPDDPSIPIIMVG PGTGIAPFIGFLQHREKLQEQHPDGNFGAMWLFFGCRHKDRDYLFRKELRHFLKHGILTHLKVSFSRDAP VGEEEAPAKYVQDNIQLHGQQVARILLQENGHIYVCGDAKNMAKDVHDALVQIISKEVGVEKLEAMKTLAT LKEEKRYLQDIWS
References:	"Molecular cloning, expression and physical mapping of the human methionine synthase reductase gene." Leclerc D., Odievre M.-H., Wu Q., Wilson A., Huizenga J., Rozen R., Scherer S.W., Gravel R.A. Gene 240:75-88(1999)