

Product datasheet for **AR51758PU-N**

Folate receptor alpha (25-234, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Folate receptor alpha (25-234, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSRIAWART ELLNVCMNAK HHKEKPGPED KLHEQCRPWR KNACCSTNTS QEAHKDVSYL YRFNWNHCGE MAPACKRHFQ QDTCLYECSP NLGPWIIQQVD QSWRKERVLN VPLCKEDCEQ WWEDCRTSYT CKSNWHKGWN WTSGFNKCAV GAACQPFHFY FPTPTVLCNE IWTHSYKVSQ YSRGSGRCIQ MWFDPAQGNP NEEVARFYAA AMS
Tag:	His-tag
Predicted MW:	27.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol.
Preparation:	Liquid purified protein
Protein Description:	Recombinant human FOLR1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_000793
Locus ID:	2348
UniProt ID:	P15328 , A0A024R5H1
Cytogenetics:	11q13.4
Synonyms:	FBP; FOLR; FRalpha; NCFTD



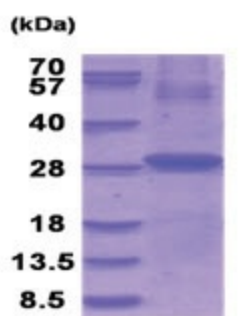
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Summary:

The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2009]

Protein Families:

Druggable Genome, Secreted Protein, Transmembrane

Product images:

15% SDS-PAGE (3ug)