

Product datasheet for **TP506287**

2410127L17Rik (BC092281) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse RIKEN cDNA 2410127L17 gene (cDNA clone MGC:102344 IMAGE:4950426), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206287 protein sequence Red =Cloning site Green =Tags(s)
	<p>MQRRQRAPPASQPAQDGGRSEDVEVQFSAGRLGSAAPAGPPARGTAEDEERLEREHFWKVINAFRYYGTS MHERVNRTERQFRSLPENQKLLPQFPLHLDKIRKCIDHNQEILLTIVNDCIHMFMENKEYGEDANGKIMP ASTFDMDKLGKSTLQFVRDQWSETGKAERDACYKPIIKEIKNFPKERWDPSKVNILVPGAGLGRLEWEVA MLGYACQGNWSFFMLFSSNFVNLNRCSEINKYKLYPWIHQFSNNRRSADQIRPILFPDVPDPSLPPGSNF SMTAGDFQEIYSECNAWDCIATCFEIDTAHNVIDYIDTIWRILKPGGIWINLGPLLYHFENLANELSIEL SYEDIKNVVLQYGFQLEVEKESVLSTYTVNDLSMMKYYEVCVLFVVRKPKQ</p> <p>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	46.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Locus ID:	67383
UniProt ID:	Q80UY1



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RefSeq Size: 1485

Cytogenetics: 19

RefSeq ORF: 1200

Synonyms: 2410127L17Rik

Summary: N-methyltransferase that mediates the formation of anserine (beta-alanyl-N(Pi)-methyl-L-histidine) from carnosine. Anserine, a methylated derivative of carnosine (beta-alanyl-L-histidine), is an abundant constituent of vertebrate skeletal muscles. Also methylates other L-histidine-containing di- and tripeptides such as Gly-Gly-His, Gly-His and homocarnosine (GABA-His).[UniProtKB/Swiss-Prot Function]