Recombinant Human FAM107B

Catalog No: #GP13478

Package Size: #GP13478-1 100ug

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Description

Product Name	Recombinant Human FAM107B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-131 amino acids of human FAM107B
Target Name	family with sequence similarity 107 member B
Other Names	HITS; C10orf45
Accession No.	Swissprot:Q9H098Gene Accession:BC004872
Uniprot	Q9H098
GeneID	83641;
Storage	-20~-80°C, pH 7.6 PBS

Background

FAM107B is a 131 amino acid protein that is encoded by a gene that maps to human chromosome 10, which contains over 800 genes and 135 million nucleotides, making up nearly 4.5% of the human genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome. The chromosome 10 encoded gene ERCC6 is important for DNA repair and is linked to Cockayne syndrome which is characterized by extreme photosensitivity and premature aging. Tetrahydrobiopterin deficiency and a number of syndromes involving defective skull and facial bone fusion are also linked to chromosome 10. As with most trisomies, trisomy 10 is rare and is deleterious.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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