

Recombinant Human STK32A

Catalog No: #GP13499



Package Size: #GP13499-1 100ug

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Description

Product Name	Recombinant Human STK32A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-166 amino acids of human STK32A
Target Name	serine/threonine kinase 32A
Other Names	YANK1
Accession No.	Swissprot:Q8WU08Gene Accession:BC021666
Uniprot	Q8WU08
GeneID	202374;
Storage	-20~-80°C, pH 7.6 PBS

Background

The phosphorylation of proteins by protein kinases and protein phosphatases is a key event in most nuclear and cytoplasmic processes. The ability to activate and deactivate proteins via phosphorylation or dephosphorylation is important for cell division, cell differentiation, DNA repair and transcription. STK32A (serine/threonine kinase 32A), also known as YANK1, is a 396 amino acid protein that belongs to the superfamily of serine/threonine protein kinases and exists as three isoforms. The gene encoding STK32A maps to human chromosome 5, which is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome.

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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