

Recombinant Human EWSR1

Catalog No: #GP13347



Package Size: #GP13347-1 100ug

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Description

Product Name	Recombinant Human EWSR1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-200 amino acids of human EWSR1
Target Name	EWS RNA binding protein 1
Other Names	EWS; EWS-FLI1; bK984G1.4
Accession No.	Swissprot:Q01844Gene Accession:BC000527
Uniprot	Q01844
GeneID	2130;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14.

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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