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RAD51B, 1-350aa, Human, His tag, E.coli

产品货号: TP03659

第三版

别名:DNA repair protein RAD51 homolog 2 isoform 1, RAD51 homolog B (S. cerevisiae), R51H2, RAD51L1, REC2

描述:RAD51B is a member of the RAD51 protein family. RAD51 family members are evolutionarily conserved proteins essential for DNA repair by homologous recombination. This protein has been shown to form a stable heterodimer with the family member RAD51C, which further interacts with the other family members, such as RAD51, XRCC2, and XRCC3. Overexpression of this gene was found to cause cell cycle G1 delay and cell apoptosis, which suggested a role of this protein in sensing DNA damage. Recombinant human RAD51B protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing , 10% glycerol, 0.4M Urea

分子量:40.6kDa (373aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSMGSKLKRVLGSLQELCDRLSRHQILTCQDFLCLSPLELMKVTGLSYRGVHELLCMV
SRACAPKMQTAYGIKAQRSADFSPAFLSTTLSALDEALHGGVACGSLTEITGPPGCGKTQFCIMMSILATLPTNMGGLEGA
VVYIDTESAFSAERLVEIAESRFPRYFNTEEKLLLTSSKVHLYRELTCDLQRIELEEIIISKGIKLVILDSVASVVRKEFDAQL
QGNLKERKFLAREASSLKYLAEFSPVILTNQITTHLSGALASQADLVSPADDLSLSEGTSGSSCVIAALGNTWSHSVNTRL
ILQYLDSEERRQILIAKSPLAPFTSFVYTIKEEGLVLQAYGNS

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.