

Recombinant Human ESCO2, GST-tagged

Cat. No. ESCO2-01H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human ESCO2 protein, fused to GST-tag, was expressed in E.coli and purified by using traditional GST-affinity column.

Species Human

Source E.coli

ProteinLength 2-352a.a.

Description This gene encodes a protein that may have acetyltransferase activity and may be required for the establishment of sister chromatid cohesion during the S phase of mitosis. Mutations in this gene have been associated with Roberts syndrome.

Molecular Mass 66kDa

AA Sequence

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MAALTPRKRKQDSLKCDSELLHFTENLFPSPNKKHCFYQNSDKNEENLHCSQQEHFV
LSALKTTEINRLPSANQGS PFKSALSTVSFYQNKWYLNPLERKLIKESRSTCLKTN
DEDKSFPIVTEKMQGKPVCSKKNKPKQSLTAKYQP KYRHIKPVSRNSRNSKQNR
VIYKPIVEKENNCHSAENNSNAPRVLSQKIKPQVTLQGGAAFFVRKKSSLRKSSLE N
EPSLGRGRTQKSKSEVIEDSDVETVSEKKTAFTRQVPKCLVLEEKLKIGLLSASSKNKEK
LIKDSSDDRVSSEKHK VDKNEAFSSSEDSLGENKTISPSTVYPIFSASSVNSKRSLG
EEQFSVGSVNF
    
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Applications SDS-PAGE

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GENE INFORMATION

Gene Name ESCO2 establishment of cohesion 1 homolog 2 (S. cerevisiae) [Homo sapiens]

Official Symbol ESCO2

Synonyms ESCO2; establishment of cohesion 1 homolog 2 (S. cerevisiae); RBS, Roberts syndrome; N-acetyltransferase ESCO2; EFO2; ECO1 homolog 2; RBS; 2410004I17Rik;

Gene ID 157570

mRNA Refseq NM_001017420

Protein Refseq NP_001017420

MIM 609353

UniProt ID Q56NI9

Chromosome Location 8p21.1

Function metal ion binding; transferase activity, transferring acyl groups;

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