

Recombinant Full Length Human RAD51D Protein, GST-tagged

Cat. No. RAD51D-3407H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RAD51D protein(O75771)(1-328aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-328aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62 kDa
AA Sequence	MGVLRVGLCPGLTEEMIQLLRSHRIKTVVDLVSADLEEVAQKCGLSYKALVALRRVLL AQFSAFPVNGADLYEELKTSTAILSTGIGSLDKLLDAGLYTGEVTEIVGGPGSGKTQV CLCMAANVAHGLQQNVLYVDSNGGLTASRLQLLQAKTQDEEEQAEALRRIQVVHA FDIFQMLDVLQELRGTVAAQVGTGSSGTVKVVVVDSVTAVVSPLLGGQQREGLALMM QLARELKT LARDLGMAVVVTNHI TRDRDSGRLKPALGRSWSFVPSTRILLDTIEGAG ASGGRRMACLAKSSRQPTGFQEMVDIGTWGTSEQSATLQGDQT
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	RAD51D RAD51 homolog D (S. cerevisiae) [Homo sapiens]
Official Symbol	RAD51D
Synonyms	RAD51D; RAD51 homolog D (S. cerevisiae); RAD51 (S. cerevisiae) like 3 , RAD51 like 3 (S. cerevisiae) , RAD51L3; DNA repair protein RAD51 homolog 4; HsTRAD; R51H3; recombination repair protein; Trad; RAD51-like protein 3; TRAD; BROVCA4; RAD51L3;
Gene ID	5892
mRNA Refseq	NM_001142571
Protein Refseq	NP_001136043
MIM	602954
UniProt ID	O75771