

Recombinant Human DOM3Z protein, GST-tagged

Cat. No. DOM3Z-6754H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DOM3Z protein(1-396 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-396 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MDPRGTKRGAEKTEVAEPRNKLPRPAPSLPTDPALYSGPFPFYRRPSELGCFSLDA QRQYHGDARALRYYSPPPTNGPGPNFDLRDGYPDYQPRDEEVQERLDHLLCWLL EHRGRLEGGPGWLAEAIVTWRGHLTKLLTTPYERQEGWQLAASRFQGTLYLSEVET PNARAQRLARPLLRELMYMGYKFEQYMCADKPGSSPDPSGEVNTNVAFCSVLRS RLGSHPLLFSGEVDCTDPQAPSTQPPTCYVELKTSKEMHSPGQWRSFYRHKLLKW WAQSFLPGVPNVAGFRNPDGFVSSLKTFPTMKMFEYVRNDRDGNPSVCMNFC AAFLSFAQSTVVQDDPRLVHLFSWEPGGPVTVSVHQDAPYAFLPIWYVEAMTQDLP SPPKTPSPK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name [DOM3Z dom-3 homolog Z \(C. elegans\) \[Homo sapiens \]](#)

Official Symbol [DOM3Z](#)

Synonyms DOM3Z; dom-3 homolog Z (C. elegans); DOM 3 (C. elegans) homolog Z; protein Dom3Z; NG6; RAI1; DOM3L;

Gene ID [1797](#)

mRNA Refseq [NM_005510](#)

Protein Refseq [NP_005501](#)

MIM [605996](#)

UniProt ID [O77932](#)

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SDS-PAGE



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