

Product datasheet for PH305657

DOM3Z (DXO) (NM_005510) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DOM3Z MS Standard C13 and N15-labeled recombinant protein (NP_005501)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205657
Predicted MW:	44.9 kDa
Protein Sequence:	>RC205657 protein sequence Red=Cloning site Green=Tags(s)

MDPRGTRGAEKTEVAEPRNKLPRPAPSLPTDPALYSGFPPFYRRPSELGCFSLDAQRYHGDARALRYYSPPPTNGPGPNFDLRDGYPDYQPRDEEVQERLDHLLCWLLEHRGRLEGGPGWLAIAIVTWRGHLTKLLTTPYERQEGWQLAASRFQGTLYLSEVETPNARAQRLARPLLRELMYMGYKFEQYMCADKPGSSPDPSGEVNTNVAFCVLSRLGSHPLLFSGEVDCTDPQAPSTQPPTCYVELKTSKEMHSPGQWRSFYRHKLLKWWAQSFLLPGVNVVAGFRNPDGFVSSLKTFPTMKMFYVVRNDRDGNPNSVCMNFCAAFLSFAQSTVVQDDPRLVHLFSWEPGGPVTVSVHQDAPYAFLPIWYVEAMTQDLPSPPKTPSPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_005501</u>
RefSeq Size:	1590
RefSeq ORF:	1188
Synonyms:	DOM3L; DOM3Z; NG6; RAI1
Locus ID:	1797



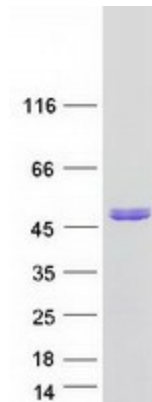
[View online »](#)

UniProt ID: [O77932](#), [A0A024RCW8](#)

Cytogenetics: 6p21.33

Summary: This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. The function of its protein product is unknown, but its ubiquitous expression and conservation in both simple and complex eukaryotes suggests that this may be a housekeeping gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified DXO protein (Cat# [TP305657]). The protein was produced from HEK293T cells transfected with DXO cDNA clone (Cat# [RC205657]) using MegaTran 2.0 (Cat# [TT210002]).