

## Product datasheet for PH320747

### WWOX (NM\_016373) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	WWOX MS Standard C13 and N15-labeled recombinant protein (NP_057457)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220747
Predicted MW:	46.5 kDa
Protein Sequence:	>RC220747 representing NM_016373 Red=Cloning site Green=Tags(s)  MAALRYAGLDDTSEDELPPGWEERTTKDGVVYYANHTEEKTQWEHPKTGKRKRVAGDLPYGWEQETDEN GQVFFVDHINKRTTYLDPRLAFTVDDNPTKPTTRQRYDGSTTAMEILQGRDFTGKVVVVTGANSIGFET AKSFALHGAVILACRNMARASEAVSRILEEWHKAKVEAMTLDLALLRSVQHFAEAFKAKNVPLHVLVCN AATFALPWSLTKDGLLETFQVNHLLGHFYLQLLQDVLCSAPARVIVVSSESHRFTDINDSLGKLDLFSRL SPTKNDYWAMLAYNRSKLCNILFSNELHRRLSPRGVTSNAVHPGNMYSNIHRSWWVYTLFLARPFK SMQQAATTVYCAAVPELEGLGGMVFNNCCRCMPSPEAQSEETARTLWALSERLIQERLGSQSG  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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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><a href="#">NP_057457</a></u>
RefSeq Size:	2264
RefSeq ORF:	1242
Synonyms:	D16S432E; DEE28; EIEE28; FOR; FRA16D; HHCMA56; PRO0128; SCAR12; SDR41C1; WOX1
Locus ID:	51741



[View online »](#)

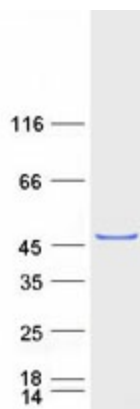
UniProt ID: [Q9NZC7](#), [Q96KM3](#), [A0A411HBC7](#)

Cytogenetics: 16q23.1-q23.2

**Summary:** This gene encodes a member of the short-chain dehydrogenases/reductases (SDR) protein family. This gene spans the FRA16D common chromosomal fragile site and appears to function as a tumor suppressor gene. Expression of the encoded protein is able to induce apoptosis, while defects in this gene are associated with multiple types of cancer. Disruption of this gene is also associated with autosomal recessive spinocerebellar ataxia 12. Disruption of a similar gene in mouse results in impaired steroidogenesis, additionally suggesting a metabolic function for the protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Protein Families: Druggable Genome

### Product images:



Coomassie blue staining of purified WWOX protein (Cat# [TP320747]). The protein was produced from HEK293T cells transfected with WWOX cDNA clone (Cat# [RC220747]) using MegaTran 2.0 (Cat# [TT210002]).