

Product datasheet for **TP760961**

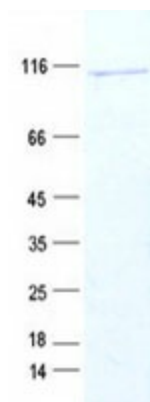
OXR1 (NM_181354) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human oxidation resistance 1 (OXR1), transcript variant 2, full length, with N-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length OXR1
Tag:	N-His
Predicted MW:	84.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Bioactivity:	Binding assay (PMID: 29766639)
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_851999
Locus ID:	55074
UniProt ID:	Q8N573
RefSeq Size:	4465
Cytogenetics:	8q23.1
RefSeq ORF:	2274
Synonyms:	CHEGDD; Nbla00307; TLDC3
Summary:	May be involved in protection from oxidative damage.[UniProtKB/Swiss-Prot Function]



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Product images:


PL (μM)	–	–	–	5.0
PL-Biotin (μM)	–	0.1	0.6	0.6
PL-Biotin-hrOXR1				
Input hrOXR1				

Human recombinant OXR1 protein (OriGene TP760961) was incubated with biotin-labeled piperlongumine (PL), a novel senolytic agent, in the absence or presence of a fivefold excess of unlabeled PL followed by immunoblotting with antibodies against biotin to detect OXR1 bound to the biotin-labeled PL probe. An immunoblot of OXR1 from each reaction was included as input control. Figure cited from Aging Cell, PMID: 29766639