

OARD1/TARG1 recombinant protein

Recombinant OARD1/TARG1 protein

CATALOG # AAA60369	HOST E coli
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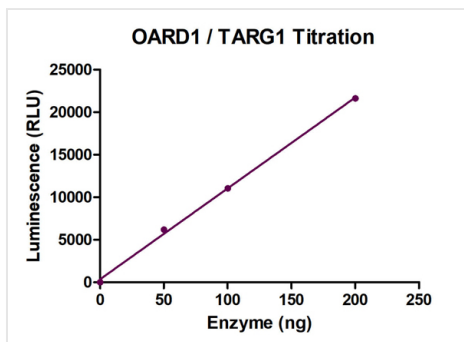
PRODUCT SYNONYMS

OARD1/TARG1; Recombinant OARD1/TARG1 protein; ADP-ribose glycohydrolase OARD1; TARG1; Terminal ADP-Ribose Protein Glycohydrolase 1; OARD1/TARG1 recombinant protein

PRODUCT SPECIFICATIONS

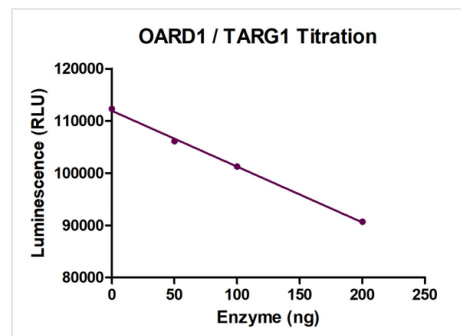
Host	E coli
Form/Format	Recombinant OARD1/TARG1 protein is supplied in 25 mM Tris 8.0, 300mM NaCl, 20% glycerol, 0.5 mM TCEP.
Protein Species	Human
Protein Details	Recombinant OARD1/TARG1 protein that includes full length of the human OARD1/TARG1 protein (accession number NP_659500.1) was expressed in E coli cells with an N-terminal His tag, The molecular weight of the protein is 19.19kDa.
Preparation and Storage	Recombinant proteins in solution are temperature sensitive and must be stored at -80 degree C to prevent degradation. Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

IMAGES



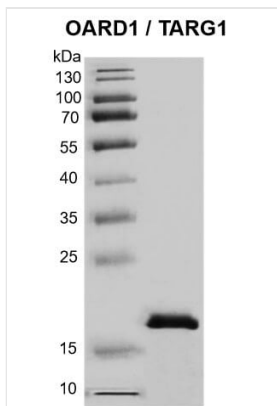
ELISA

ELISA for OARD1/TARG1 activity 25uM NAD-Biotin and Activated DNA were added into ELISA plate (coated with histone H2A and H2B mixture) with PARP1 in ADPR Buffer and incubated for 1 hour at room temperature. After washing, different concentrations of OARD1/TARG1 was added into each well and incubated in reaction buffer for 1 hour at room temperature. Following Streptavidin-HRP and ECL incubation, the plate was read in a luminometer or microtiter-plate reader.



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SDS-PAGE

Recombinant OARD1/TARG1 protein 12.5% SDS-PAGE Coomassie staining MW: 19.19kDa
Purity: >=95%

ADDITIONAL INFORMATION

Related Product Information for OARD1/TARG1 recombinant protein	OARD1/TARG1(ADP-ribose glycohydrolase OARD1) is a ADP-ribose glycohydrolase that hydrolyzes ADP-ribose and acts on different substrates, such as proteins ADP-ribosylated on glutamate and O-acetyl-ADP-D-ribose. Specifically acts as a glutamate mono-ADP-ribosylhydrolase by mediating the removal of mono-ADP-ribose attached to glutamate residues on proteins.Deacetylates O-acetyl-ADP ribose, a signaling molecule generated by the deacetylation of acetylated lysine residues in histones and other proteins.Catalyzes the deacylation of O-acetyl-ADP-ribose, O-propionylADP-ribose and O-butyryl-ADP-ribose, yielding ADP-ribose plus acetate, propionate and butyrate, respectively.
Product Categories/Family for OARD1/TARG1 recombinant protein	Transcription; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

Molecular Weight	19.19kDa
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/oard1/targ1-recombinant-protein-e-coli/60369>