Active Recombinant Human TIPARP Protein, Flag-tagged

Cat. No. TIPARP-298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human PARP7 (a.a. 400-657) with N-terminal FLAG-tag was expressed in a Baculovirus infected Sf9 cell expression system.
Species	Human
Source	Insect Cells
ProteinLength	400-657
Description	This gene encodes a member of the poly(ADP-ribose) polymerase superfamily. Studies of the mouse ortholog have shown that the encoded protein catalyzes histone poly(ADP-ribosyl)ation and may be involved in T-cell function. Alternative splicing results in multiple transcript variants.
Form	Aqueous buffer solution
Bio-activity	>40 pmol/min/μg
Molecular Mass	31 kDa
Applications	Useful for the study of enzyme kinetics, screening inhibitors, and selectivity profiling.
Storage	At least 6 months at –80 centigrade. Storing diluted enzyme is not recommended, if necessary, use carrier protein (BSA 0.1 – 0.5%).

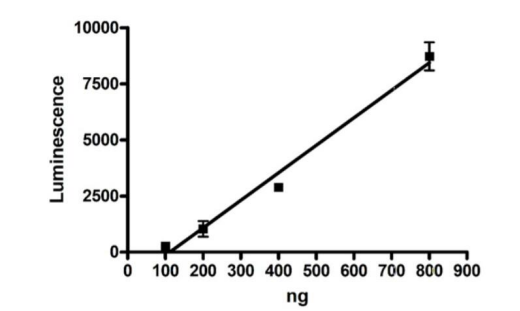
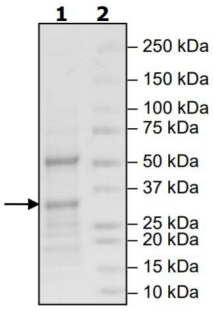
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Concentration	0.4 mg/mL
Storage Buffer	40 mM Tris-HCl, pH 8.0, 110 mM NaCl, 2.2 mM KCl, 0.04% Tween20, 3 mM DTT, 20% Glycerol and 100 μg/mL FLAG peptide.
Shipping	-80 centigrade
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	TIPARP TCDD inducible poly(ADP-ribose) polymerase [Homo sapiens (human)]
Official Symbol	TIPARP
Synonyms	TIPARP; TCDD inducible poly(ADP-ribose) polymerase; PARP7; ARTD14; pART14; protein mono-ADP-ribosyltransferase TIPARP; ADP-ribosyltransferase diphtheria toxin-like 14; poly [ADP-ribose] polymerase 7; EC 2.4.2.30
Gene ID	25976
mRNA Refseq	NM_015508
Protein Refseq	NM_015508
MIM	612480
UniProt ID	Q7Z3E1

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Specific Activity	
SDS-PAGE	**4-20% SDS-PAGE** **Coomassie staining** **Lane 1**: 2 μg PARP7 **Lane 2**: Protein Marker **MW**: 31 kDa **Purity**: ≥33% 

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