

## Recombinant Human PARP14 protein, hFc-tagged

**Cat. No.** PARP14-4546H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PARP14 protein(Q460N5)(789-1400 aa), fused with N-terminal hFc tag, was expressed in Mammalian Cells.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 789-1400 aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 92.2 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AASequence</b>       | GQKCFsRTVLAPGVVLIVQQGDLARLPVDVVVNASNEDLKHYGGLAAALSKAAGPE<br>LQADCDQIVKREGRLPGNATISKAGKLPYHHVIHAVGPRWSGYEAPRCVYLLRRAV<br>QLSLCLAEKYKYRSIAIPAISGVSFGFPLGRCVETIVSAIKENFQFKKDGHCLEIYLVD<br>VSEKTVEAFAEAVKTVFKATLPDTAAPPGLPPAAAGPGKTSWEKGSLSVSPGGLQML<br>LVKEGVQNAKTDVVVNSVPLDLVLSRGPLSKSLLEKAGPELQEELDTVGQGVAVSM<br>GTVLKTSSWNLDCRYVLHVVAPEWRNGSTSSLKIMEDIIRECMEITESLSLKSIAFP<br>GTGNLGFPPKNIFAELIIEVFVKFSSKNQLKTLQEVHFLHPSDHENIQAFSDEFARRAN<br>GNLVSDKIPKAKDTQGFYGTVSSPDSGVYEMKIGSIIFQVASGDITKEEADVIVNSTS<br>NSFNLKAGVSKAILECAGQNVERECSQQAQQRKNDYIITGGGFLRCKNIIHVIGGNDV |

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KSSVSSVLQECEKKNYSSICLPAIGTGNAKQHPDKVAEAIIDAIEDFVQKGSASVKK  
VKVVIFLPQVLDFYANMKKREGTQLSSQQSVMSK

**Purity** Greater than 90% as determined by SDS-PAGE.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution** Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

## GENE INFORMATION

**Gene Name** PARP14 poly (ADP-ribose) polymerase family, member 14 [ Homo sapiens ]

**Official Symbol** PARP14

**Synonyms** PARP14; poly (ADP-ribose) polymerase family, member 14; poly [ADP-ribose] polymerase 14; KIAA1268; pART8; collaborator of STAT6; B-aggressive lymphoma 2; b aggressive lymphoma protein 2; BAL2; PARP-14;

**Gene ID** 54625

**mRNA Refseq** NM\_017554

**Protein Refseq** NP\_060024

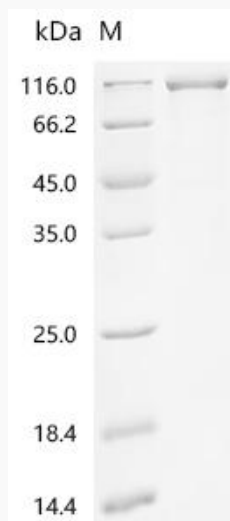
**MIM** 610028

**UniProt ID** Q460N5

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**SDS-PAGE**

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