

**PRODUCT INFORMATION**

<b>Target</b>	SEZ6
<b>Synonyms</b>	BSRPC
<b>Description</b>	Recombinant Human SEZ6 Protein with C-terminal 6×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	Q53EL9
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-6×His Tag
<b>Molecular Characterization</b>	SEZ6(Leu20-His925) 6×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 98.6 kDa after removal of the signal peptide. The apparent molecular mass of SEZ6-His is approximately 130-250 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage&amp;Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	The protein encoded by this gene is thought to contain five cysteine-rich motifs that are similar to sushi domains, as well as two domains similar to the amino terminal half of the CUB (for complement C1r/C1s, Uegf, Bmp1) domain. Mutations in this gene have been associated with febrile seizures. [provided by RefSeq, Jul 2016]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



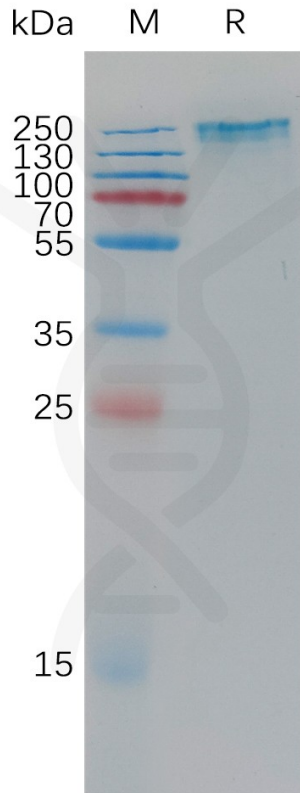


Figure 1. Human SEZ6 Protein, His Tag on SDS-PAGE under reducing condition.

### Human SEZ6, His Tagged protein ELISA

0.2  $\mu$ g of Human SEZ6, His tagged protein per well

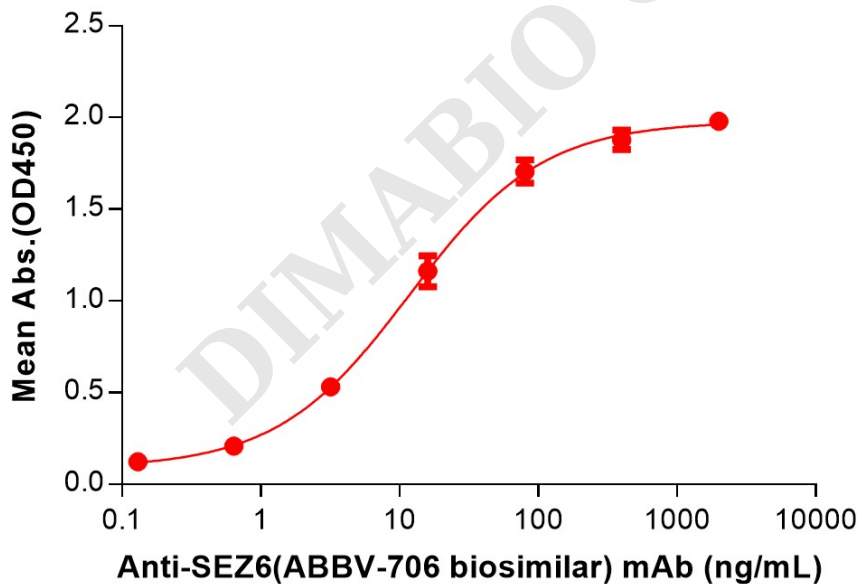


Figure 2. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human SEZ6 Protein, His Tag (PME101194) can bind Anti-SEZ6(ABBV-706 biosimilar) mAb (BME100275) in a linear range of 0.64–80 ng/mL.



### Human SEZ6, His Tagged Protein ELISA

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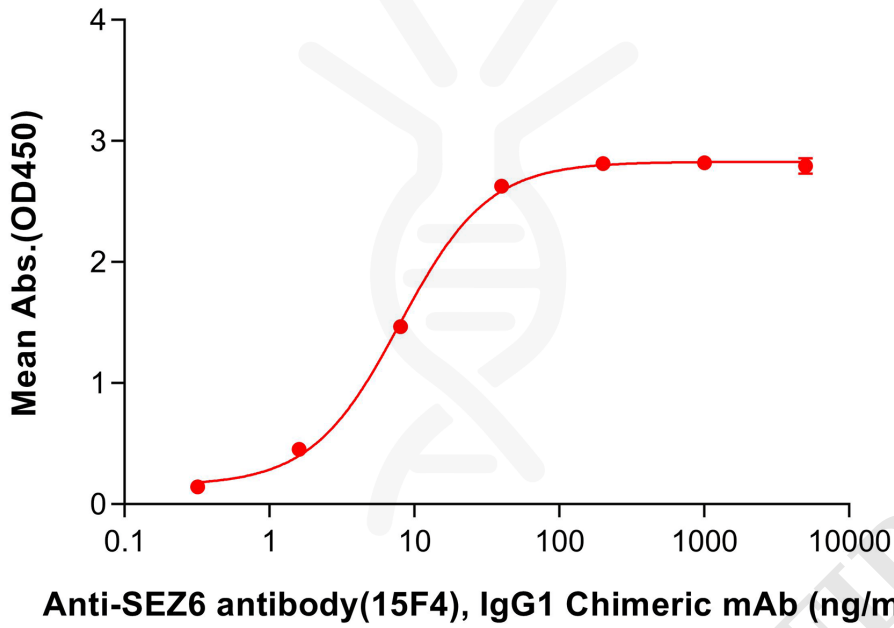


Figure 3. ELISA plate pre-coated by 2  $\mu$ g/mL (100  $\mu$ L/well) Human SEZ6 Protein, His Tag(PME101194) can bind Anti-SEZ6 antibody(15F4), IgG1 Chimeric mAb(DMC101338) in a linear range of 1.6-8.0 ng/mL.

