

## SEZ6L2//BSRP-A Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P77200
<b>Synonyms:</b>	Seizure 6-like protein 2; PSK; BSRPA
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q6UXD5 (L28-G736)
<b>Gene ID:</b>	26470
<b>Molecular Weight:</b>	Approximately 110-150 kDa

### PROPERTIES

#### AA Sequence

L P L K E E E I L P	E P G S E T P T V A	S E A L A E L L H G	A L L R R G P E M G
Y L P G S D R D P T	L A T P P A G Q T L	A V P S L P R A T E	P G T G P L T T A V
T P N G V R G A G P	T A P E L L T P P P	G T T A P P P P S P	A S P G P P L G P E
G G E E E T T T T I	I T T T T V T T T V	T S P V L C N N N I	S E G E G Y V E S P
D L G S P V S R T L	G L L D C T Y S I H	V Y P G Y G I E I Q	V Q T L N L S Q E E
E L L V L A G G G S	P G L A P R L L A N	S S M L G E G Q V L	R S P T N R L L L H
F Q S P R V P R G G	G F R I H Y Q A Y L	L S C G F P P R P A	H G D V S V T D L H
P G G T A T F H C D	S G Y Q L Q G E E T	L I C L N G T R P S	W N G E T P S C M A
S C G G T I H N A T	L G R I V S P E P G	G A V G P N L T C R	W V I E A A E G R R
L H L H F E R V S L	D E D N D R L M V R	S G G S P L S P V I	Y D S D M D D V P E
R G L I S D A Q S L	Y V E L L S E T P A	N P L L L S L R F E	A F E E D R C F A P
F L A H G N V T T T	D P E Y R P G A L A	T F S C L P G Y A L	E P P G P P N A I E
C V D P T E P H W N	D T E P A C K A M C	G G E L S E P A G V	V L S P D W P Q S Y
S P G Q D C V W G V	H V Q E E K R I L L	Q V E I L N V R E G	D M L T L F D G D G
P S A R V L A Q L R	G P Q P R R R L L S	S G P D L T L Q F Q	A P P G P P N P G L
G Q G F V L H F K E	V P R N D T C P E L	P P P E W G W R T A	S H G D L I R G T V
L T Y Q C E P G Y E	L L G S D I L T C Q	W D L S W S A A P P	A C Q K I M T C A D
P G E I A N G H R T	A S D A G F P V G S	H V Q Y R C L P G	

**Appearance** Lyophilized powder

**Formulation** Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

**Endotoxin Level** <1 EU/µg, determined by LAL method.

**Reconstitution** It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

**Storage & Stability** Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

**Shipping**

Room temperature in continental US; may vary elsewhere.

**DESCRIPTION****Background**

The SEZ6L2/BSRP-A protein emerges as a potential contributor to specialized functions within the endoplasmic reticulum (ER) of neurons. The precise nature of its involvement in ER activities remains to be fully elucidated, but the association suggests a role in orchestrating specific functions critical for neuronal homeostasis. SEZ6L2/BSRP-A's potential contributions to the specialized functions within the ER underscore its significance in the intricate molecular processes essential for neuronal function and cellular dynamics. Further exploration is warranted to uncover the specific mechanisms and pathways through which SEZ6L2/BSRP-A participates in these specialized ER functions, shedding light on its role in neuronal physiology.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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