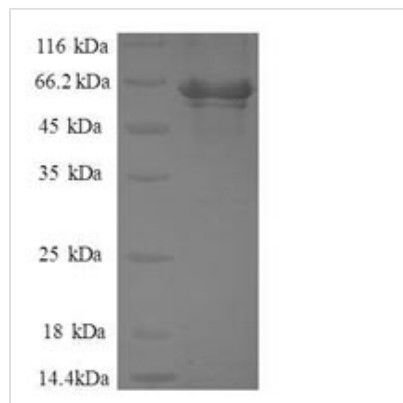




Recombinant Human Activator of 90 kDa heat shock protein ATPase homolog 1 (AHSA1)

Product Code	CSB-EP001483HU
Relevance	Cochaperone that stimulates HSP90 ATPase activity . May affect a step in the endoplasmic reticulum to Golgi trafficking.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O95433
Alias	p38
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAKWGEGDPRWIVEERADATNVNNWHWTERDASNWSTDKLKTLFLAVQVQ NEEGKCEVTEVSKLDGEASINNRKGKLIFFYEWSVKLNWTGTSKSGVQYKGH VEIPNLSDENSVDVEISVSLAKDEPDNLVALMKEEGVKLLREAMGIYISTLKT EFTQGMILPTMNGESVDPVGGPALKTEERKAKPAPSKTQARPVGVKIPTCKITL KETFLTSPPELYRVFTTQELVQAFTHAPATLEADRGGKFHMDGNVSGEFTDL VPEKHIVMKWRFKSWPEGHFATITLTFIDKNGETELCMEGRGIPAPEEERTRQ GWQRYFFEGIKQTFGYGARLF
Lead Time	3-7 business days
Research Area	Neuroscience
Source	E.coli
Gene Names	AHSA1
Expression Region	1-338aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	65.3kDa
Protein Description	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

The recombinant Human AHSA1 protein synthesis in e.coli cells necessitates the incorporation of a DNA fragment encoding the Human AHSA1 protein (1-338aa) into a plasmid vector, followed by the transformation of this vector into e.coli cells. After screening for positive cells, they are cultured and induced to express the AHSA1 protein. The protein carries a N-terminal GST tag. Cell lysis is performed to gather the recombinant Human AHSA1 protein, which undergoes affinity purification and is then analyzed using SDS-PAGE and subsequent staining of the gel with Coomassie Brilliant Blue. The purity of the resulting recombinant Human AHSA1 protein reaches up to 90%.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.