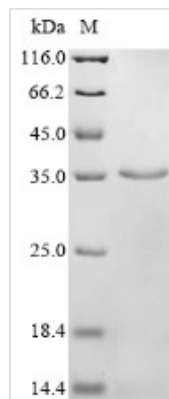




Recombinant Human Sorbin and SH3 domain-containing protein 2 (SORBS2), partial

Product Code	CSB-EP022405HU
Abbreviation	Recombinant Human SORBS2 protein, partial
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.	O94875
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KEKLPAKAVYDFKAQTSKELSFKKGDTVYILRKIDQNWYEGEHHGRVGIFPISY VEKLTPEKAQPARPPPPAQPGEIGEAIKYNFNADTNVELSLRKGDRVILLKR VDQNWYEGKIPGTNRQGIFPVSYVEVVKNTKGAEDYPDPPIPHSYSSDRIHS LSSNKPQRPVFTHENIQGGGEPFQALYNYTPRNEDELELRESDVIDVMEKCDD GWFVGTSRRTKFFGTTPGNYVKRL
Research Area	Signal Transduction
Source	E.coli
Target Names	SORBS2
Expression Region	863-1100aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	33.1 kDa
Protein Length	Partial
Image	



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

Description

Amino acids 863-1100 form the expressed segment for recombinant Human SORBS2. This SORBS2 protein is expected to have a theoretical molecular weight of 33.1 kDa. The SORBS2 protein was expressed in e.coli. The SORBS2 gene fragment has been modified by fusing the N-terminal 6xHis tag, providing convenience in detecting and purifying the recombinant SORBS2 protein during the following stages.

The human Sorbin and SH3 domain-containing protein 2 (SORBS2) is a multifunctional scaffold protein involved in the regulation of various cellular processes. SORBS2 contains sorbin homology (SoHo) and multiple SH3 domains, enabling interactions with other proteins. It plays a crucial role in the organization of the actin cytoskeleton, cell adhesion, and signal transduction. SORBS2 is implicated in processes such as cell migration, invasion, and response to mechanical stress. Additionally, SORBS2 has been associated with cardiovascular diseases, cancer, and neurological disorders. Research on SORBS2 aims to unravel its intricate roles in different cellular contexts, contributing to a comprehensive understanding of its functions and potential therapeutic applications.

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.

Shelf Life

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