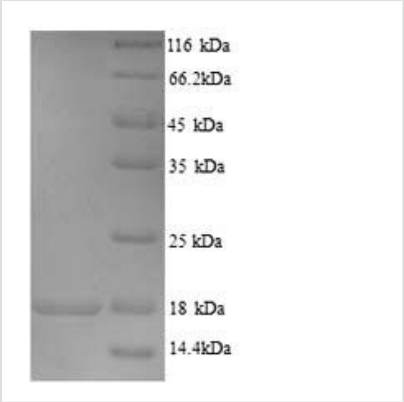
Recombinant Human Store-opeRated calcium entry-associated regulatory factor (SARAF), partial

Product Code	CSB-YP853392HU
Relevance	Negative regulator of store-operated Ca2+ entry (SOCE) involved in protecting cells from Ca2+ overfilling. In response to cytosolic Ca2+ elevation after endoplasmic reticulum Ca2+ refilling, promotes a slow inactivation of STIM (STIM1 or STIM2)-dependent SOCE activity: possibly act by facilitating the deoligomerization of STIM to efficiently turn off ORAI when the endoplasmic reticulum lumen is filled with the appropriate Ca2+ levels, and thus preventing the overload of the cell with excessive Ca2+ ions.
Abbreviation	Recombinant Human SARAF 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.	Q96BY9
Alias	HBV X-transactivated gene 3 protein HBV XAg-transactivated protein 3 Protein FOAP-7 Transmembrane protein 66
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	SDGQYSPPPYSEYPPFSHRYQRFTNSAGPPPPGFKSEFTGPQNTGHGATSGFGSAFTGQQGYENSGPGFWTGLGTGGILGYLFGSNRAATPFSDSWYYPSYPPSYPGTWNRAYSPLHGGSGSYSVCSNSDTKTRTASGYGGTRRR
Research Area	Biochemicals
Source	Yeast
Target Names	SARAF
Protein Names	Recommended name: Store-operated calcium entry-associated regulatory factor Short name= SARAF Short name= SOCE-associated regulatory factor Alternative name(s): HBV X-transactivated gene 3 protein HBV XAg-transactivated protein 3
Expression Region	195-339aa
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	17.5kDa
Protein Length	Cytoplasmic Domain

Image



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

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

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.