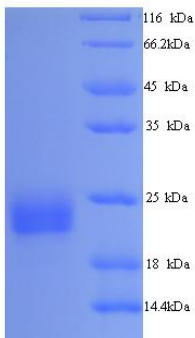




## Recombinant Human Store-operated calcium entry-associated regulatory factor (TMEM66)

Catalog Number: **CSB-MP853392HU**

<b>Product Name:</b>	Recombinant Human Store-operated calcium entry-associated regulatory factor (TMEM66)
<b>Alternative names:</b>	HBV X-transactivated gene 3 protein
<b>Catalog Number:</b>	CSB-MP853392HU
<b>Relevance :</b>	I Negative regulator of store-operated Ca <sup>2+</sup> entry (SOCE) involved in protecting cells from Ca <sup>2+</sup> overfilling. In response to cytosolic Ca <sup>2+</sup> elevation after endoplasmic reticulum Ca <sup>2+</sup> 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 Ca <sup>2+</sup> levels, and thus preventing the overload of the cell with excessive Ca <sup>2+</sup> ions.
<b>Mol. Weight:</b>	21 kD
<b>Product Info :</b>	His-tagged
<b>Source:</b>	Mammalian cell derived
<b>Images</b>	
<b>Purity:</b>	>90%(SDS-PAGE)
<b>Storage Buffer:</b>	20mM Tris-HCl,0.5M NaCl,pH 8.0,50% glycerol
<b>Storage :</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes :</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>AA sequence:</b>	SDGQYSPPPYSEYPPFSHRYQRFTNSAGPPPPGFKSEFTGPQNTGHGATSGFGSAFTGQ QGYENSGPGFWTGLGTGGILGYLFGSNRAATPFSDSWYYPSPPSYPGTWNRAYSPLH GGSGSYSVCSNSDTKTRTASGYGGTRRR
<b>References:</b>	"SARAF inactivates the store operated calcium entry machinery to prevent excess calcium refilling."  Palty R., Raveh A., Kaminsky I., Meller R., Reuveny E.  Cell 149:425-438(2012)Fernandez-Ruiz E.  Eur. J. Immunol. 31:2733-2740(2001)