Recombinant Human TACTILE/CD96 Protein

RPCB0434

Protein Information

Size:	100 µg	**Tag:**	C-His
Reactivity:	Human	**Expressed Host:**	HEK293 cells
Calculated MW:	54.7 kDa	**Observerd MW:**	115-130 kDa

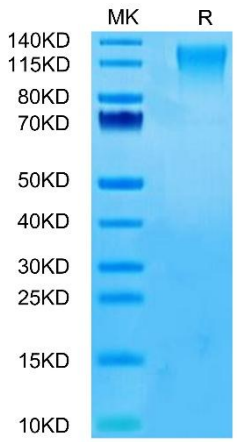
Background

The receptors CD96 and TIGIT are expressed on the surface of T and natural killer (NK) cells, and recent studies suggest both play important inhibitory roles in immune function. CD96 has been shown to modulate immune cell activity in mice, with Cd96-/- mice displaying hypersensitive NK-cell responses to immune challenge and significant tumor resistance. The counterbalance between the putative inhibitory CD96 and TIGIT receptors and the activating receptor, CD226, offers unique strategies for immuno-oncology drug development.

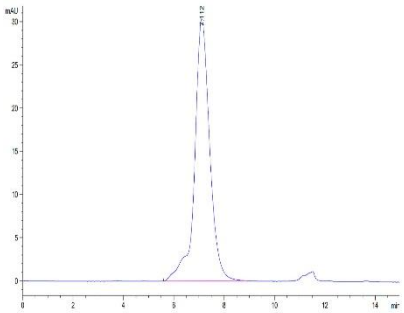
Properties

Synonyms:	CD96 molecule, CD96, DKFZp667E2122, TACTILE
Gene ID:	10225
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Human TACTILE/CD96 Protein (RPCB0434), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
Purity:	≥ 95 % as determined by SDS-PAGE;≥ 95 % as determined by HPLC.
Storage:	Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.

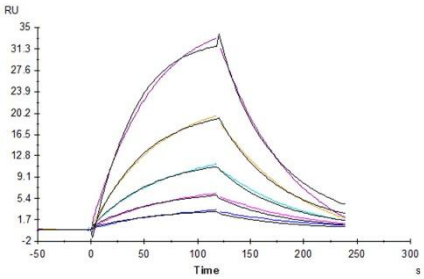
Validation Data



Recombinant Human TACTILE/CD96 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Human CD96 is greater than 95% as determined by SEC-HPLC.



Human CD155, hFc Tag captured on CM5 Chip via Protein A can bind Human CD96, His Tag with an affinity constant of 0.958 μM as determined in SPR assay (Biacore T200).