



Recombinant Human Urokinase plasminogen activator surface receptor (PLAUR), partial, Biotinylated (Active)

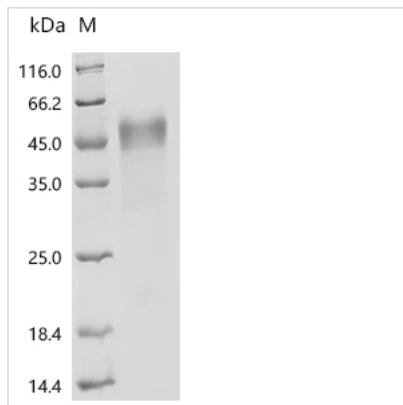
Product Code	CSB-MP018122HU1-B
Abbreviation	Recombinant Human PLAUR protein, partial, Biotinylated (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20?/-80?. The shelf life of lyophilized form is 12 months at -20?/-80?.
Uniprot No.	Q03405
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	<p>①Measured by its binding ability in a functional ELISA. Immobilized Human PLAUR (CSB-MP360437HUd9) at 2 µg/mL can bind Human PLAUR. The EC50 is 62.48-71.07 ng/mL.</p> <p>②Measured by its binding ability in a functional ELISA. Immobilized Human PLAUR at 2 µg/mL on streptavidin precoated plate can bind Human PLAUR (CSB-MP360437HUd9). The EC50 is 1.004-1.256 ng/mL.</p> <p>③Human PLAUR (CSB-MP360437HUd9) captured on Protein A Chip can bind Human PLAUR with an affinity constant of 0.96 nM as detected by MetaSPR Assay (WeSPRTM 200).</p>
Purity	<p>≥ 95% as determined by SDS-PAGE.</p> <p>≥ 95% as determined by SEC-HPLC.</p>
Sequence	LRCMQCKTNGDCRVEECALGQDLCRTTIVRLWEEGEELELVEKSCETHSEKTN RTLSYRTGLKITSLTEVVCGLDLCNQGNSGRAVTYSRSRYLECI SCGSSDMSC ERGRHQSLQCRSPPEEQCLDVVTHWIQEGEEGRPKDDRHLRGCGYLPGCPGS NGFHNDTFHFLKCCNTTKCNEGPPILELENLPQNGRQCYSCKGNSTHGCSS ETFLIDCRGPMNQCLVATGTHEPKNQSYMVRGCATASMCQHAHLGDAFSMN HIDVSCCTKSGCNHPDL DVQYR
Source	Mammalian cell
Target Names	PLAUR
Expression Region	23-303aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4? for up to one week.
Tag Info	C-terminal 10xHis-Avi-tagged



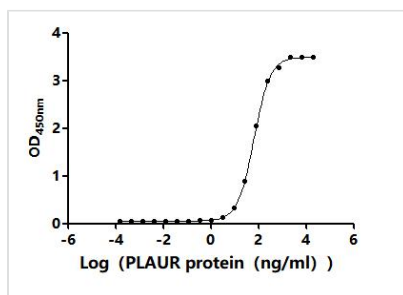
Mol. Weight 34.8 kDa

Protein Length Partial

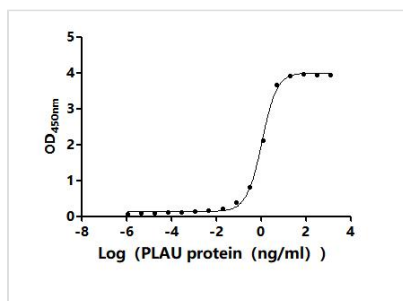
Image



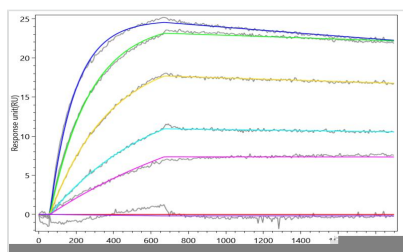
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



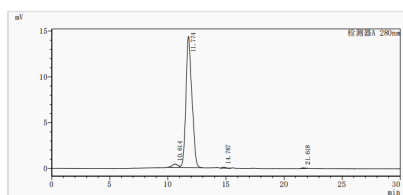
Activity
Measured by its binding ability in a functional ELISA. Immobilized Human PLAUR (CSB-MP360437HUd9) at 2 µg/ml can bind Human PLAUR. The EC₅₀ is 62.48-71.07 ng/mL.



Activity
Measured by its binding ability in a functional ELISA. Immobilized Human PLAUR at 2 µg/ml on streptavidin precoated plate can bind Human PLAU (CSB-MP360437HUd9). The EC₅₀ is 1.004-1.256 ng/mL.



Activity
Human PLAU (CSB-MP360437HUd9) captured on Protein A Chip can bind Human PLAUR with an affinity constant of 0.96 nM as detected by MetaSPR Assay (WeSPRTM 200).



The purity of PLAUR was greater than 95% as determined by SEC-HPLC

Endotoxin

Less than 1.0 EU/ug as determined by LAL method.



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.