

Recombinant Human CD98 protein ,N- His Tag

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| Catalog No : | YD2219 |
| Reactivity : | Human |
| Purity : | >90% as determined by SDS-PAGE |
| In Vivo : | |
| Sequence : | A DNA sequence encoding the human SLC3A2(Arg206-Ala630) was fused with the N-terminal His Tag |
| Human Swiss Prot No : | P08195 |
| Formulation : | Supplied as solution form in PBS pH 7.5./ Lyophilized from PBS pH 7.5. |
| Source : | Mammalian cells |
| Dilution : | Reconstitute in sterile water for a stock solution |
| Concentration : | >90% as determined by SDS-PAGE |
| Storage Stability : | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C for one week . Store at -20 to -80 °C for twelve months from the date of receipt. |
| Subcellular Location : | Apical cell membrane . Cell membrane ; Single-pass type II membrane protein . Cell junction . Lysosome membrane . Melanosome . Localized at the plasma membrane when associated with SLC7A5/LAT1 or SLC7A8/LAT2 (PubMed:9751058, PubMed:11311135). Localized to the apical membrane of placental syncytiotrophoblastic cells (PubMed:11742812). Recruited to lysosomes by LAPTM4B (PubMed:25998567). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). Located selectively at cell-cell adhesion sites (By similarity). Colocalized with SLC7A8/LAT2 at the basolateral membrane of kidney proximal tubules and small intestine epithelia. Expressed in both luminal and abluminal membranes of brain capillary endothelial cells (By similarity). . |
| Expression : | Expressed ubiquitously in all tissues tested with highest levels detected in kidney, placenta and testis and weakest level in thymus. During gestation, expression in the placenta was significantly stronger at full-term than at the mid-trimester stage. Expressed in HUVECS and at low levels in resting peripheral |

blood T-lymphocytes and quiescent fibroblasts. Also expressed in fetal liver and in the astrocytic process of primary astrocytic gliomas. Expressed in retinal endothelial cells and in the intestinal epithelial cell line C2BBe1.

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