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Product datasheet for LC832900

Aspartate Aminotransferase (GOT1) Human Knockout Lysate (Locus ID 2805)

Product data:

Product Type:	Knockout Lysates
Description:	GOT1-knockout Cell lysate from HeLa cell line, one vial of parental cell line lysate included as control
Species:	Human
Parental Cell Line:	HeLa
Symbol:	Aspartate Aminotransferase
Synonyms:	ASTQTL1; cAspAT; cCAT; GIG18
Components:	1 vial of 100 ug KO cell lysate (lyophilized) 1 vial of 100ug parental cell lysate (lyophilized)
Storage:	Upon receiving, store the sample at -20°C. Lysate samples are stable for 12 months from date of receipt when stored at -20°C. Avoid repeated freeze-thaw cycles. Lysate samples can be diluted with 2xSDS Sample Buffer provided. After dilution, the protein sample should be aliquoted and stored at -20°C for long term storage. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.
Preparation:	Parental cell lines were engineered into double-knockout lines by CRISPR technology. The double knockout genotype was verified by PCR followed by sequencing. The KO cell lysates are the cell homogenate in RIPA buffer made from the KO cell lines. The protein concentration was determined with BCA assay. A vial of lysate from the parental cell line was also included as an internal control. To facilitate transportation and protein, the products are supplied as lyophilized proteins.
Locus ID:	2805
UniProt ID:	P17174, A0A140VK69
Cytogenetics:	10q24.2
Protein Pathways:	Alanine, aspartate and glutamate metabolism, Arginine and proline metabolism, Cysteine and methionine metabolism, Metabolic pathways, Phenylalanine, tyrosine and tryptophan biosynthesis, Phenylalanine metabolism, Tyrosine metabolism

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