

Human SEC24D Knockdown Cell Lysate

Cat. No. SEC24D-294HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SEC24D Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. This gene product is implicated in the shaping of the vesicle, and also in cargo selection and concentration. Mutations in this gene have been associated with Cole-Carpenter syndrome, a disorder affecting bone formation, resulting in craniofacial malformations and bones that break easily. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	Cell-Tissue Lysis buffer
Molecular Mass	113 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg SEC24D KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	SEC24D SEC24 family, member D (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	SEC24D
Synonyms	SEC24D; SEC24 family, member D (<i>S. cerevisiae</i>); SEC24 (<i>S. cerevisiae</i>) related gene family, member D; protein transport protein Sec24D; KIAA0755; SEC24-related protein D; SEC24 related gene family, member D; FLJ43974;
Gene ID	9871
mRNA Refseq	NM_014822
Protein Refseq	NP_055637
MIM	607186
UniProt ID	O94855

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA